

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052925AL\  
 Data File : FE054069.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 May 2025 14:02  
 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: May 30 01:34:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 14 12:15:41 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)    | 11.840 | 3035078    | 18.676 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.35%       |
| 12) S 1-chlorooctadecane (S... | 13.284 | 2247266    | 18.956 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.91%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.187  | 2214362    | 16.384 ug/ml |
| 2) T n-Decane (C10)            | 4.450  | 2272672    | 16.818 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.165  | 2477563    | 17.239 ug/ml |
| 4) T n-Dodecane (C12)          | 6.632  | 2352577    | 17.247 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.267  | 2461560    | 17.746 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.466  | 2384983    | 17.673 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.079 | 2451330    | 18.167 ug/ml |
| 8) T n-Octadecane (C18)        | 11.526 | 2451653    | 18.206 ug/ml |
| 10) T n-Eicosane (C20)         | 12.839 | 2454947    | 18.679 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.453 | 2436100    | 18.791 ug/ml |
| 13) T n-Docosane (C22)         | 14.040 | 2418655    | 18.959 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.145 | 2396608    | 19.155 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.168 | 2366513    | 19.326 ug/ml |
| 16) T n-Octacosane (C28)       | 17.120 | 2371415    | 19.508 ug/ml |
| 17) T n-Tricontane (C30)       | 18.009 | 2465822    | 19.796 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.843 | 2511768    | 20.085 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.627 | 2429602    | 20.396 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.369 | 2425624    | 20.949 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.098 | 2378669    | 21.858 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.992 | 2312493    | 23.304 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

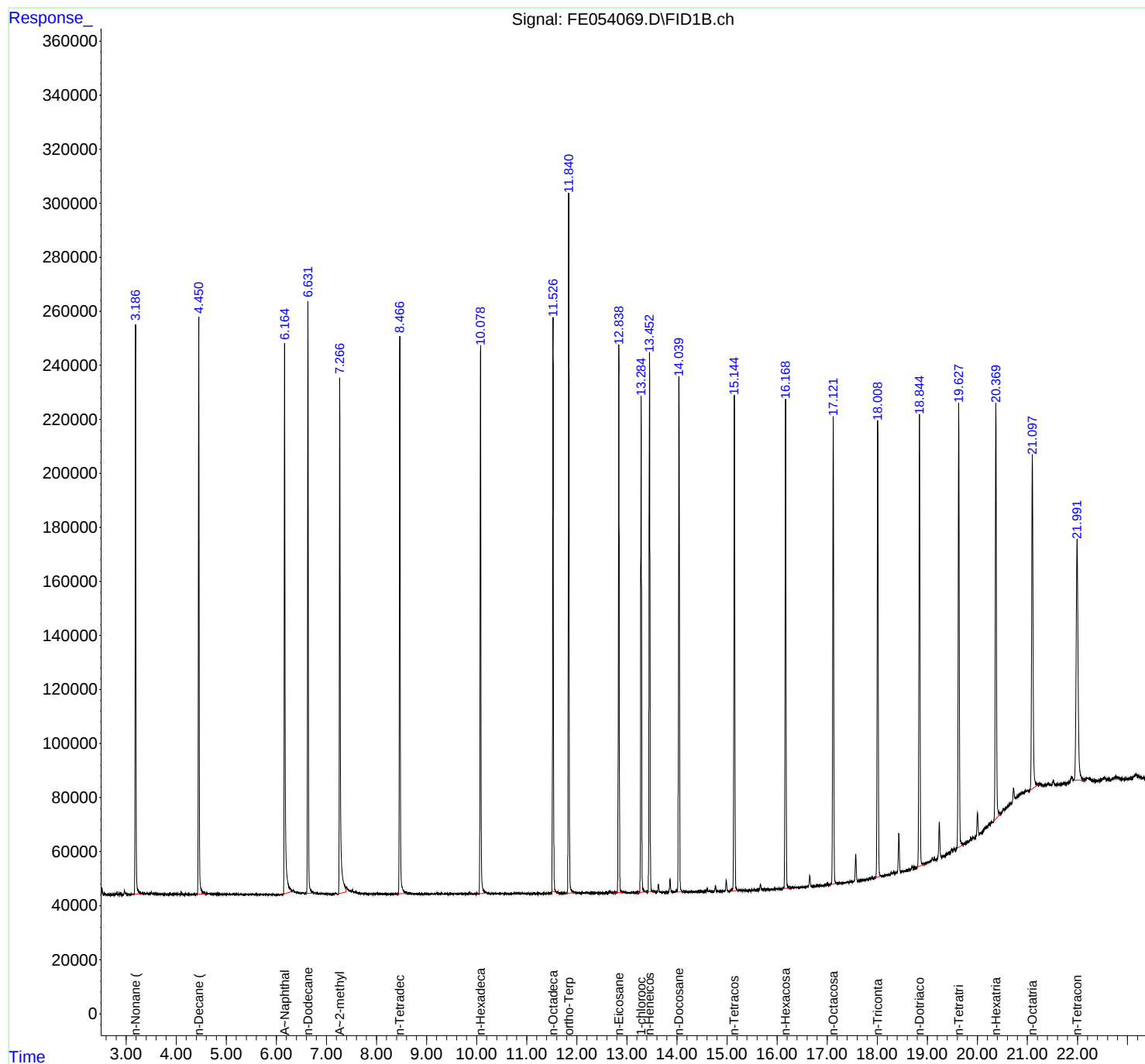
(m)=manual int.

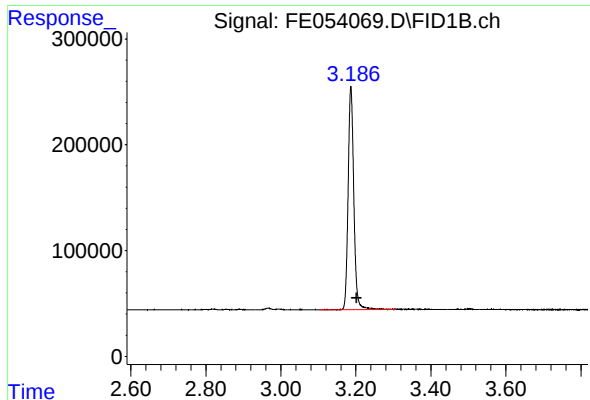
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052925AL\  
Data File : FE054069.D  
Signal(s) : FID1B.ch  
Acq On : 29 May 2025 14:02  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 30 01:34:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
Quant Title : GC Extractables  
QLast Update : Wed May 14 12:15:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

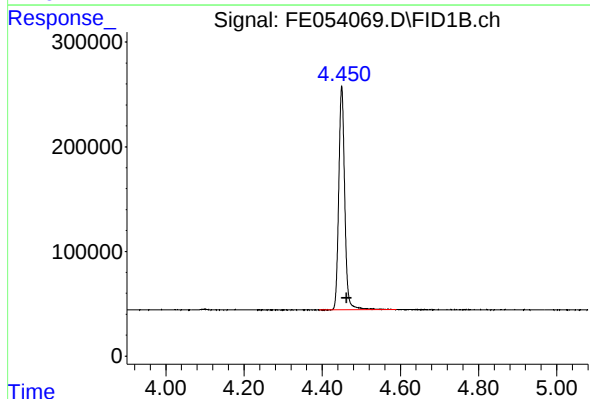




#1 n-Nonane (C9)

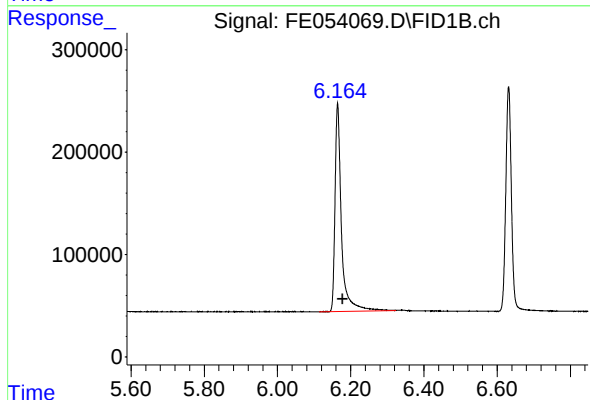
R.T.: 3.187 min  
Delta R.T.: -0.015 min  
Response: 2214362  
Conc: 16.38 ug/ml

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



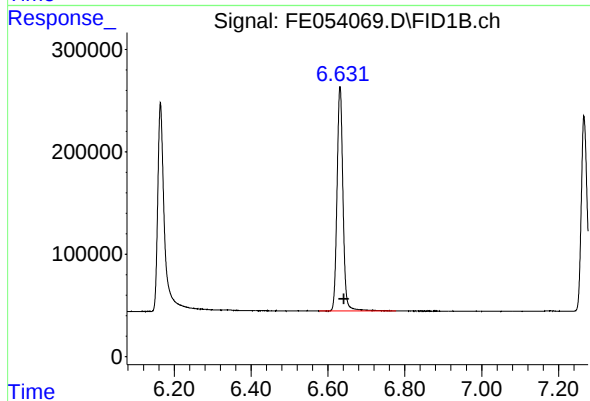
#2 n-Decane (C10)

R.T.: 4.450 min  
Delta R.T.: -0.012 min  
Response: 2272672  
Conc: 16.82 ug/ml



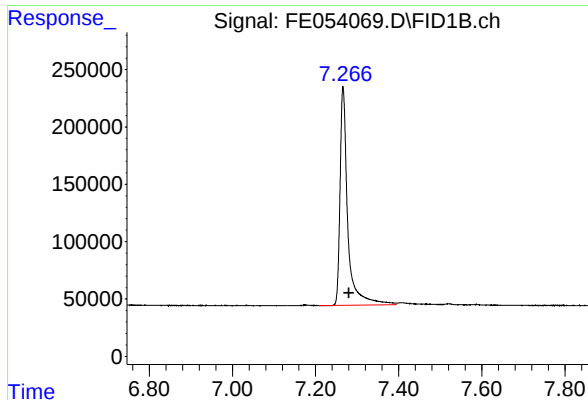
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min  
Delta R.T.: -0.014 min  
Response: 2477563  
Conc: 17.24 ug/ml



#4 n-Dodecane (C12)

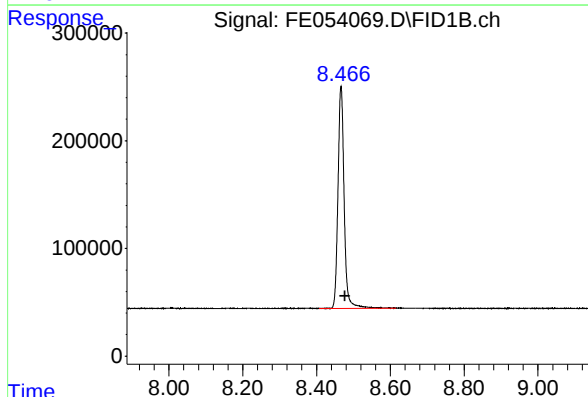
R.T.: 6.632 min  
Delta R.T.: -0.011 min  
Response: 2352577  
Conc: 17.25 ug/ml



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

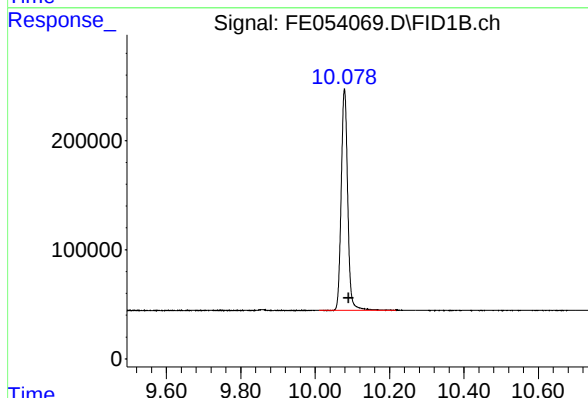
R.T.: 7.267 min  
Delta R.T.: -0.014 min  
Response: 2461560  
Conc: 17.75 ug/ml

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



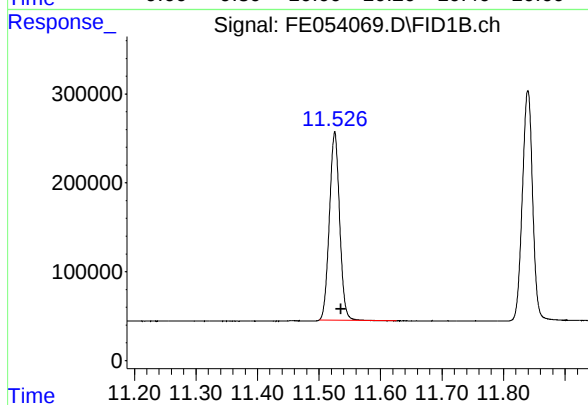
#6 n-Tetradecane (C14)

R.T.: 8.466 min  
Delta R.T.: -0.011 min  
Response: 2384983  
Conc: 17.67 ug/ml



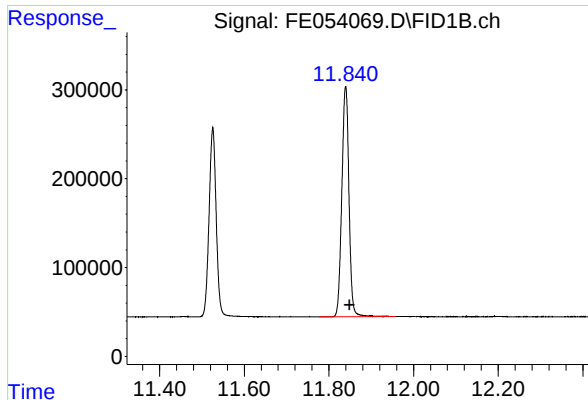
#7 n-Hexadecane (C16)

R.T.: 10.079 min  
Delta R.T.: -0.011 min  
Response: 2451330  
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

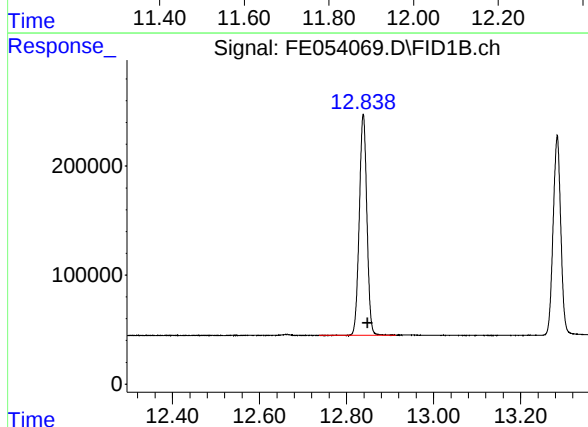
R.T.: 11.526 min  
Delta R.T.: -0.010 min  
Response: 2451653  
Conc: 18.21 ug/ml



#9 ortho-Terphenyl (SURR)

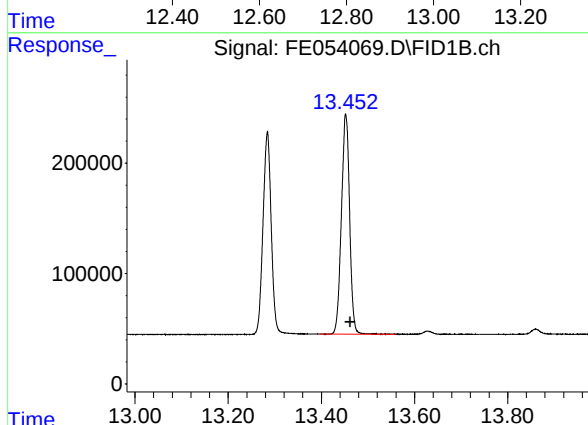
R.T.: 11.840 min  
Delta R.T.: -0.009 min  
Response: 3035078  
Conc: 18.68 ug/ml

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



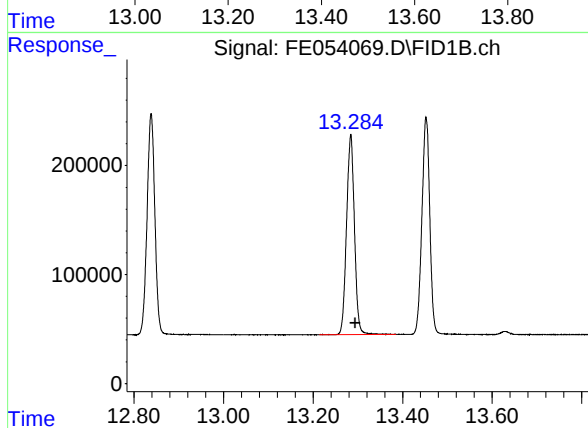
#10 n-Eicosane (C20)

R.T.: 12.839 min  
Delta R.T.: -0.010 min  
Response: 2454947  
Conc: 18.68 ug/ml



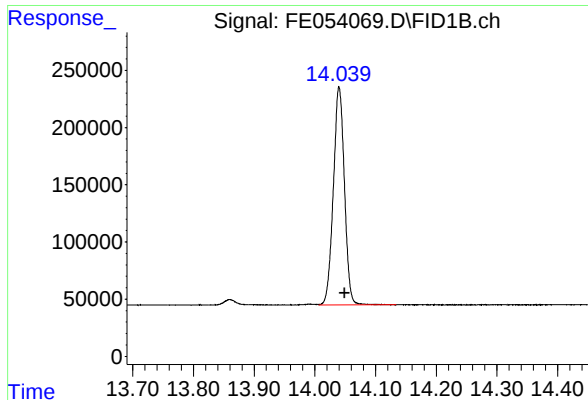
#11 n-Heneicosane (C21)

R.T.: 13.453 min  
Delta R.T.: -0.010 min  
Response: 2436100  
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

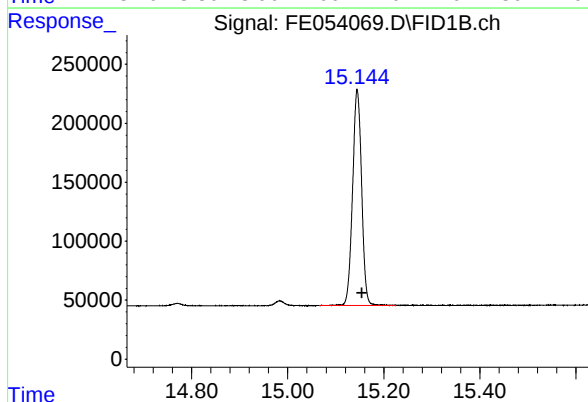
R.T.: 13.284 min  
Delta R.T.: -0.010 min  
Response: 2247266  
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

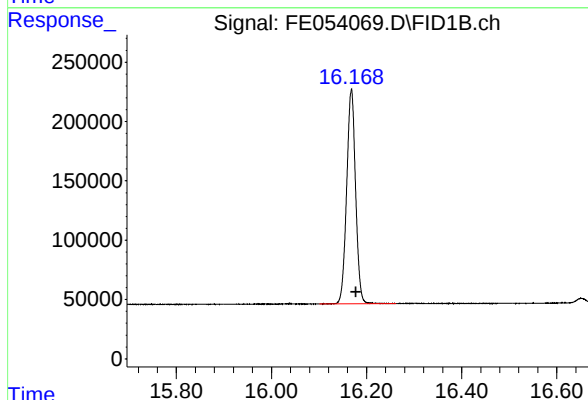
R.T.: 14.040 min  
Delta R.T.: -0.009 min  
Response: 2418655  
Conc: 18.96 ug/ml

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



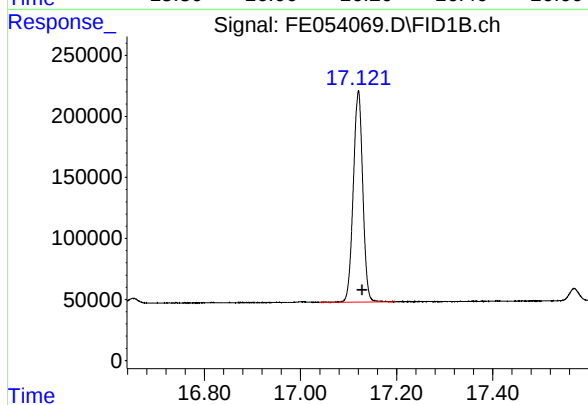
#14 n-Tetracosane (C24)

R.T.: 15.145 min  
Delta R.T.: -0.010 min  
Response: 2396608  
Conc: 19.16 ug/ml



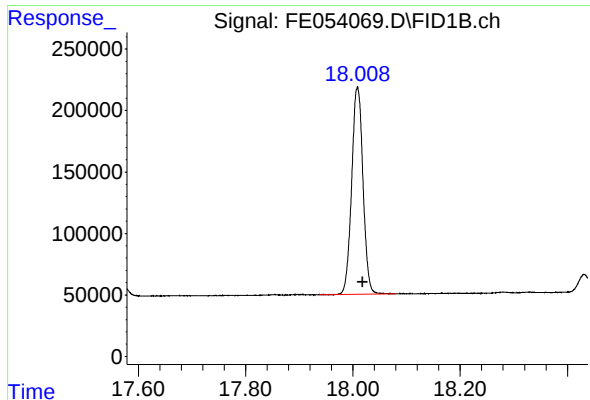
#15 n-Hexacosane (C26)

R.T.: 16.168 min  
Delta R.T.: -0.010 min  
Response: 2366513  
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

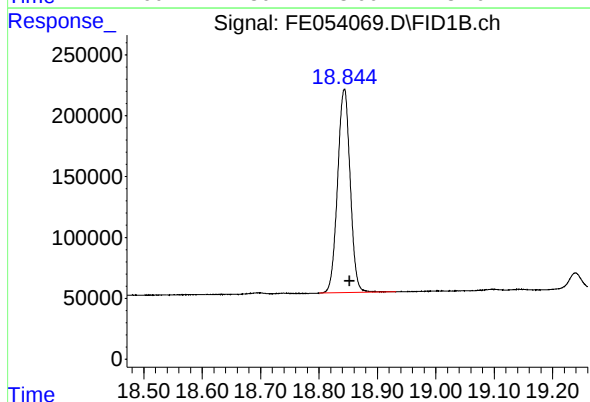
R.T.: 17.120 min  
Delta R.T.: -0.008 min  
Response: 2371415  
Conc: 19.51 ug/ml



#17 n-Tricontane (C30)

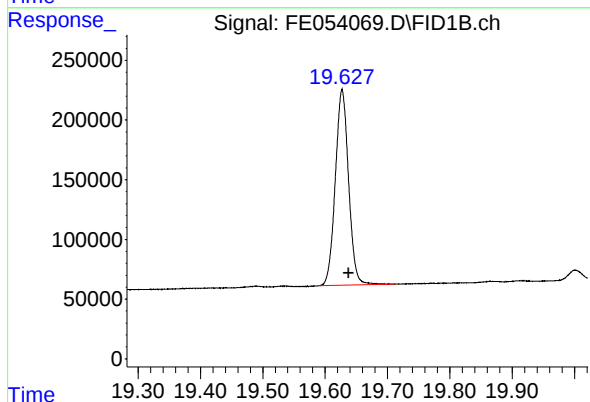
R.T.: 18.009 min  
Delta R.T.: -0.009 min  
Response: 2465822  
Conc: 19.80 ug/ml

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



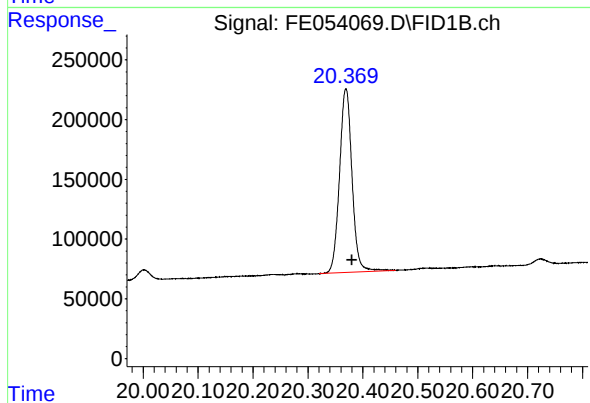
#18 n-Dotriacontane (C32)

R.T.: 18.843 min  
Delta R.T.: -0.009 min  
Response: 2511768  
Conc: 20.09 ug/ml



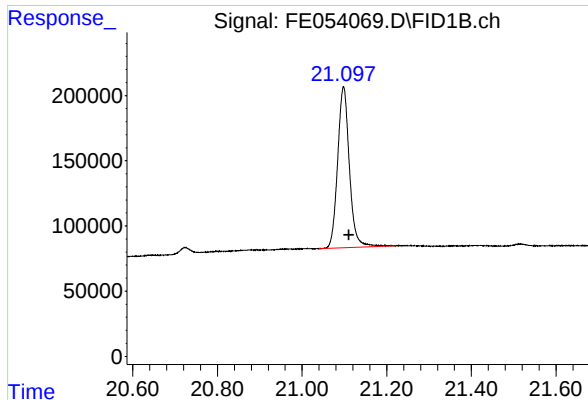
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min  
Delta R.T.: -0.010 min  
Response: 2429602  
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

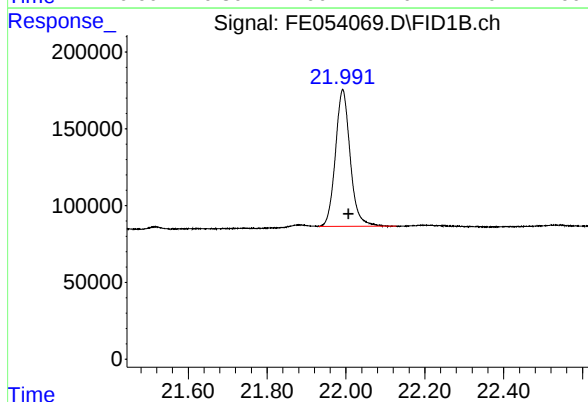
R.T.: 20.369 min  
Delta R.T.: -0.011 min  
Response: 2425624  
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min  
Delta R.T.: -0.013 min  
Response: 2378669  
Conc: 21.86 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.992 min  
Delta R.T.: -0.015 min  
Response: 2312493  
Conc: 23.30 ug/ml