

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022124AL\  
 Data File : FE046891.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Feb 2024 01:50  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 22 01:59:19 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:04:00 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)    | 11.792 | 3248913    | 19.775 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.55%       |
| 12) S 1-chlorooctadecane (S... | 13.233 | 2467018    | 20.041 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.185  | 3030732    | 19.875 ug/ml |
| 2) T n-Decane (C10)            | 4.436  | 3093513    | 19.973 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.141  | 3124338    | 19.837 ug/ml |
| 4) T n-Dodecane (C12)          | 6.603  | 3124718    | 20.097 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.237  | 2880537    | 20.088 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.429  | 3103880    | 20.129 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.037 | 3179010    | 20.036 ug/ml |
| 8) T n-Octadecane (C18)        | 11.479 | 3190828    | 20.015 ug/ml |
| 10) T n-Eicosane (C20)         | 12.789 | 3017217    | 19.933 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.400 | 2929983    | 19.786 ug/ml |
| 13) T n-Docosane (C22)         | 13.986 | 2883087    | 19.816 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.089 | 2820735    | 19.751 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.112 | 2748904    | 19.671 ug/ml |
| 16) T n-Octacosane (C28)       | 17.059 | 2668488    | 19.587 ug/ml |
| 17) T n-Tricontane (C30)       | 17.948 | 2720248    | 19.498 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.781 | 2694913    | 19.585 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.566 | 2605098    | 19.393 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.308 | 2683457    | 20.152 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.028 | 2716384    | 19.715 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.903 | 2634407    | 18.672 ug/ml |
| -----                          |        |            |              |

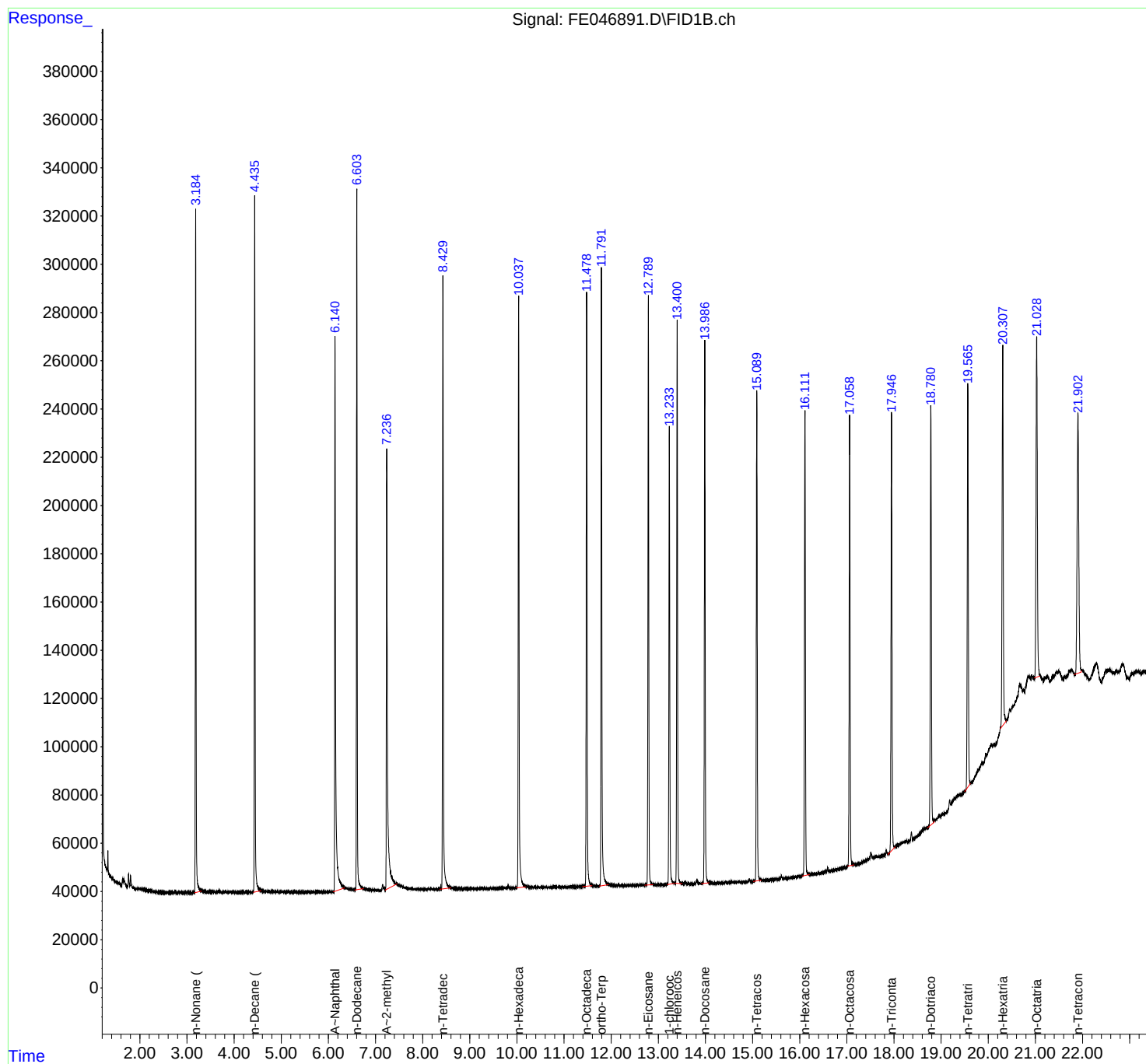
(f)=RT Delta > 1/2 Window

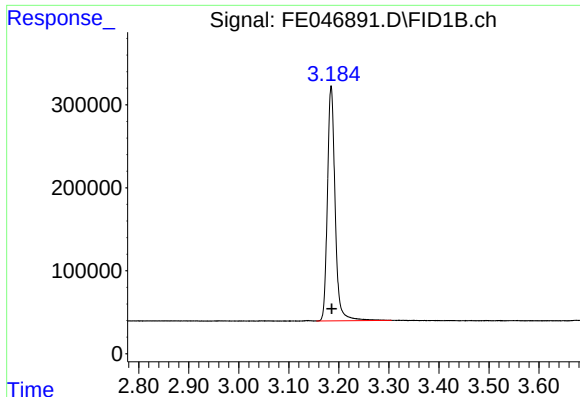
(m)=manual int.

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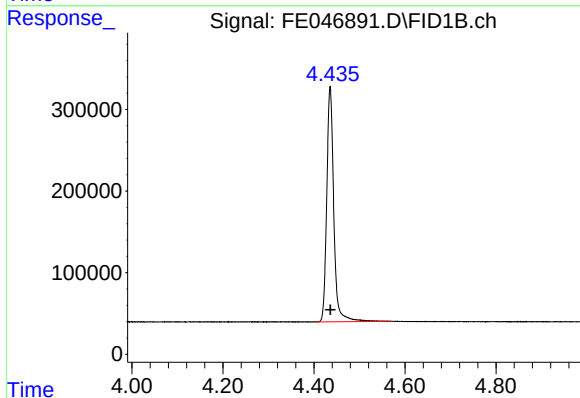
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





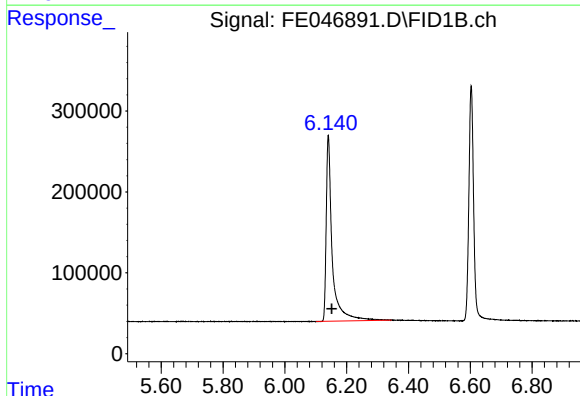
#1 n-Nonane (C9)

R.T.: 3.185 min  
Delta R.T.: -0.001 min  
Response: 3030732  
Conc: 19.87 ug/ml



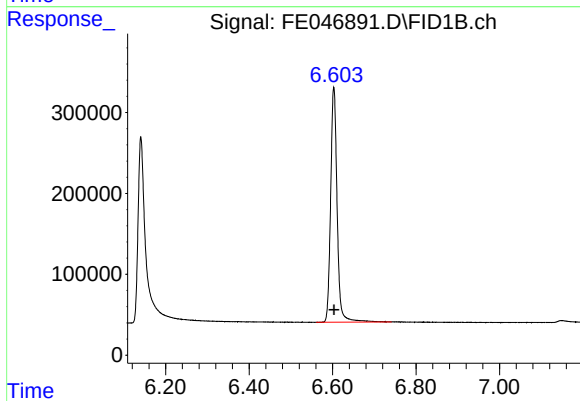
#2 n-Decane (C10)

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 3093513  
Conc: 19.97 ug/ml



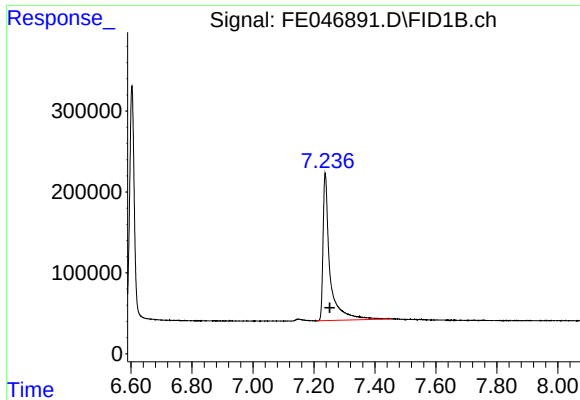
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min  
Delta R.T.: -0.011 min  
Response: 3124338  
Conc: 19.84 ug/ml



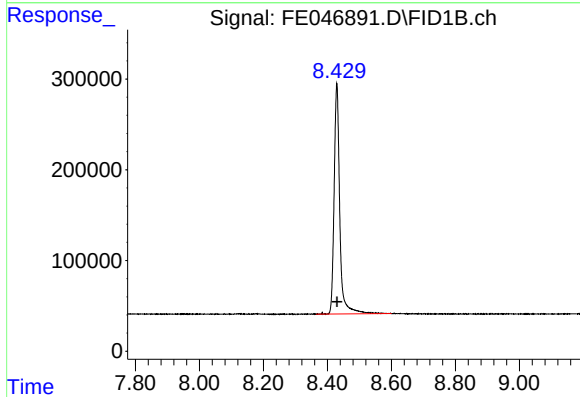
#4 n-Dodecane (C12)

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 3124718  
Conc: 20.10 ug/ml



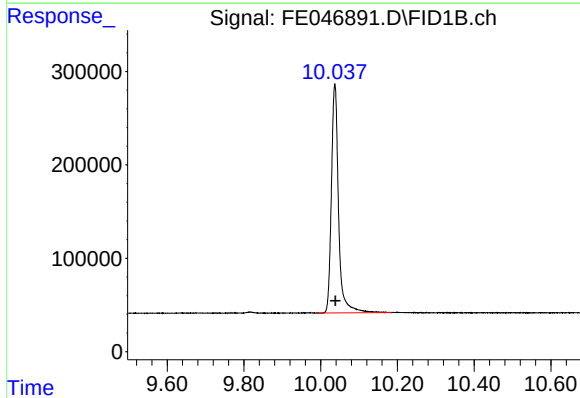
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min  
Delta R.T.: -0.015 min  
Response: 2880537  
Conc: 20.09 ug/ml



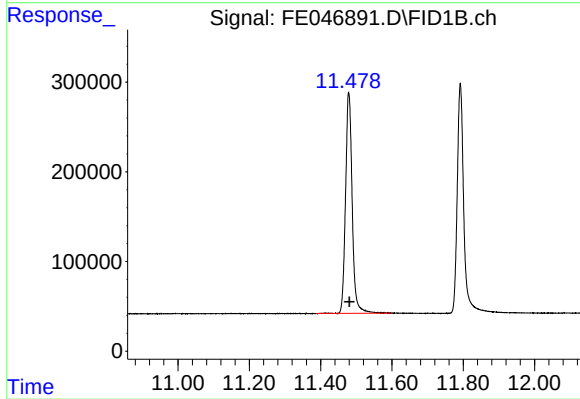
#6 n-Tetradecane (C14)

R.T.: 8.429 min  
Delta R.T.: 0.000 min  
Response: 3103880  
Conc: 20.13 ug/ml



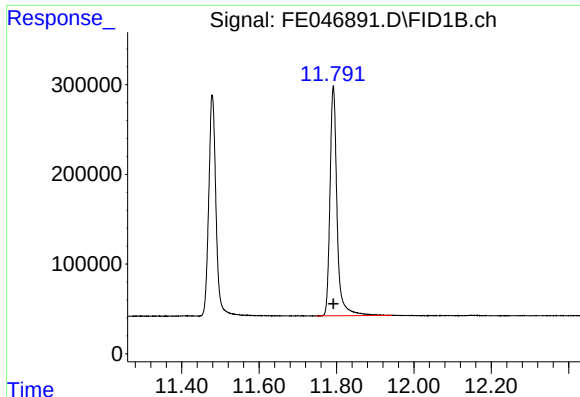
#7 n-Hexadecane (C16)

R.T.: 10.037 min  
Delta R.T.: -0.001 min  
Response: 3179010  
Conc: 20.04 ug/ml



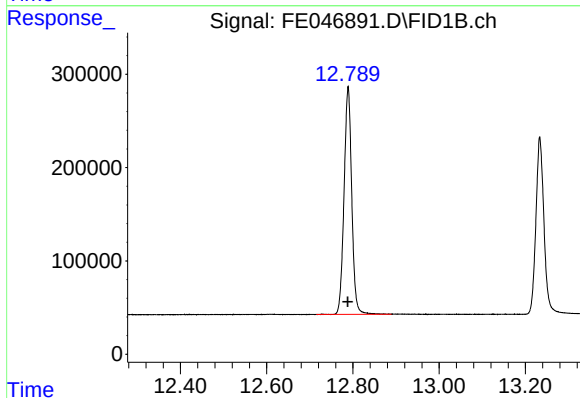
#8 n-Octadecane (C18)

R.T.: 11.479 min  
Delta R.T.: -0.001 min  
Response: 3190828  
Conc: 20.02 ug/ml



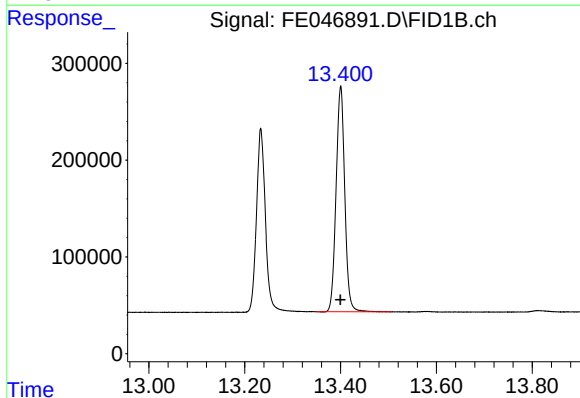
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min  
Delta R.T.: 0.000 min  
Response: 3248913  
Conc: 19.77 ug/ml



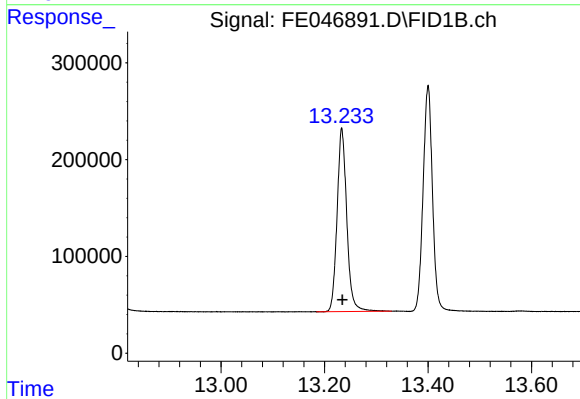
#10 n-Eicosane (C20)

R.T.: 12.789 min  
Delta R.T.: 0.001 min  
Response: 3017217  
Conc: 19.93 ug/ml



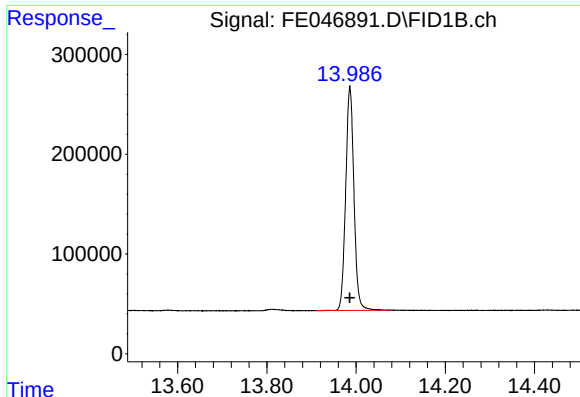
#11 n-Heneicosane (C21)

R.T.: 13.400 min  
Delta R.T.: 0.000 min  
Response: 2929983  
Conc: 19.79 ug/ml



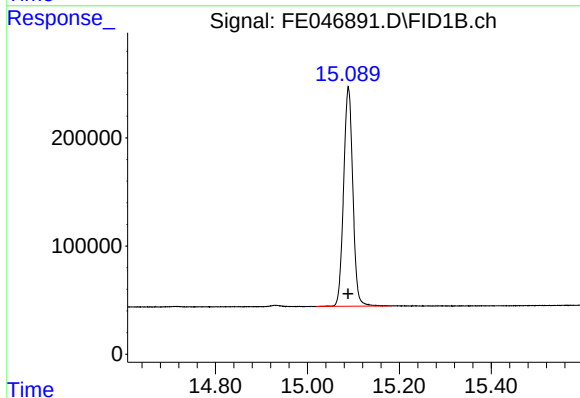
#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min  
Delta R.T.: -0.002 min  
Response: 2467018  
Conc: 20.04 ug/ml



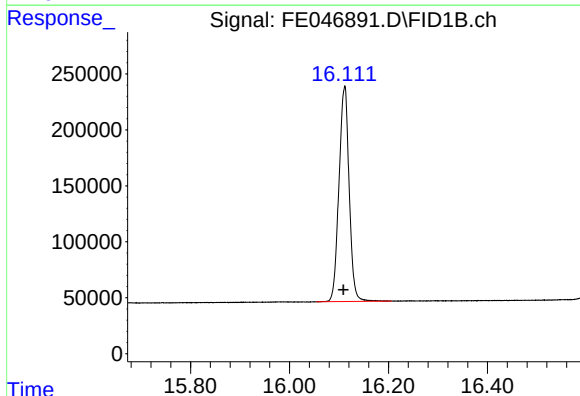
#13 n-Docosane (C22)

R.T.: 13.986 min  
Delta R.T.: 0.000 min  
Response: 2883087  
Conc: 19.82 ug/ml



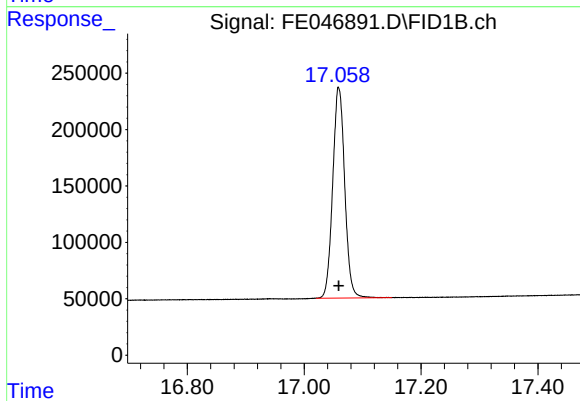
#14 n-Tetracosane (C24)

R.T.: 15.089 min  
Delta R.T.: 0.000 min  
Response: 2820735  
Conc: 19.75 ug/ml



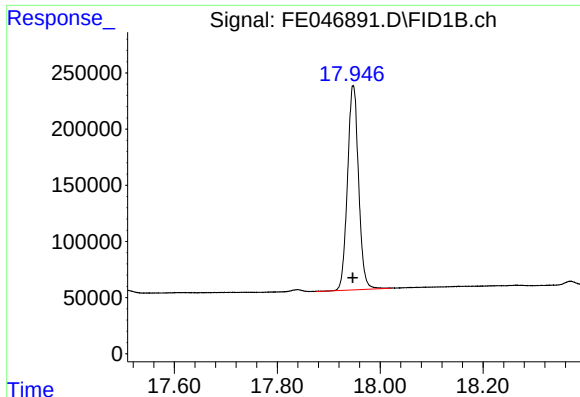
#15 n-Hexacosane (C26)

R.T.: 16.112 min  
Delta R.T.: 0.002 min  
Response: 2748904  
Conc: 19.67 ug/ml



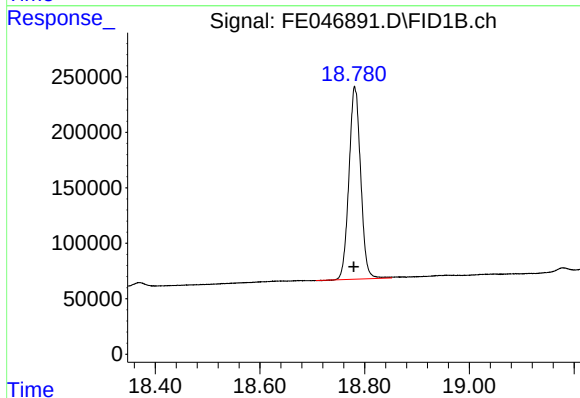
#16 n-Octacosane (C28)

R.T.: 17.059 min  
Delta R.T.: 0.000 min  
Response: 2668488  
Conc: 19.59 ug/ml



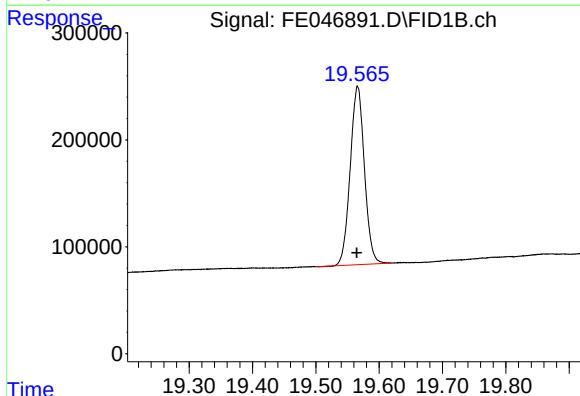
#17 n-Tricontane (C30)

R.T.: 17.948 min  
Delta R.T.: 0.000 min  
Response: 2720248  
Conc: 19.50 ug/ml



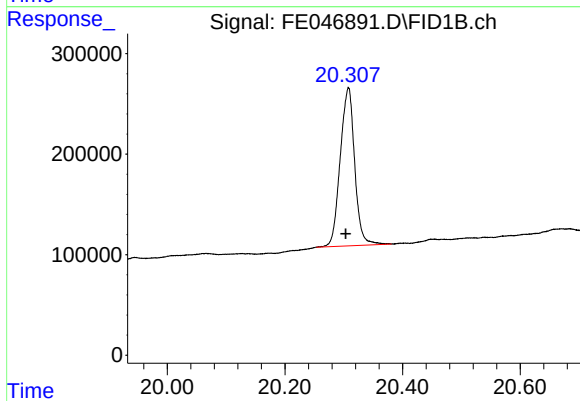
#18 n-Dotriacontane (C32)

R.T.: 18.781 min  
Delta R.T.: 0.002 min  
Response: 2694913  
Conc: 19.58 ug/ml



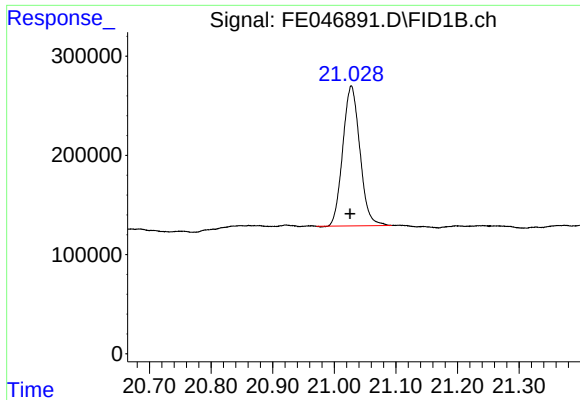
#19 n-Tetratriacontane (C34)

R.T.: 19.566 min  
Delta R.T.: 0.001 min  
Response: 2605098  
Conc: 19.39 ug/ml



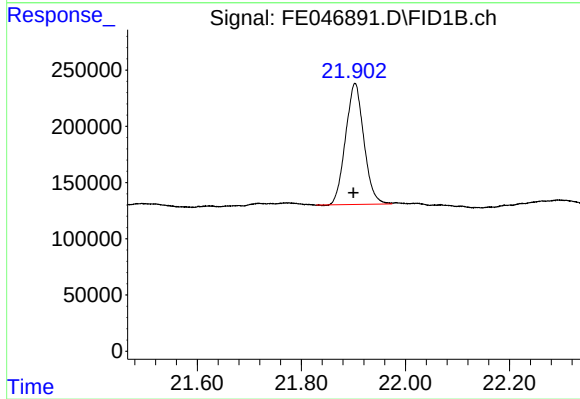
#20 n-Hexatriacontane (C36)

R.T.: 20.308 min  
Delta R.T.: 0.005 min  
Response: 2683457  
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.028 min  
Delta R.T.: 0.002 min  
Response: 2716384  
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.903 min  
Delta R.T.: 0.003 min  
Response: 2634407  
Conc: 18.67 ug/ml