

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010622AL\  
 Data File : FE034651.D  
 Signal(s) : FID1B.CH  
 Acq On : 06 Jan 2022 19:39  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 07 01:31:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 010622.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 06 12:19:53 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.100 | 2769441    | 20.019 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.04%       |
| 12) S 1-chlorooctadecane (S... | 12.531 | 2133680    | 20.265 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.53%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.939  | 2313635    | 19.843 ug/ml |
| 2) T n-Decane (C10)            | 3.970  | 2348902    | 19.867 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.534  | 2620387    | 19.860 ug/ml |
| 4) T n-Dodecane (C12)          | 5.967  | 2363485    | 19.855 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.581  | 2648190    | 19.884 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.754  | 2416937    | 19.908 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.350  | 2426104    | 19.918 ug/ml |
| 8) T n-Octadecane (C18)        | 10.786 | 2496005    | 20.017 ug/ml |
| 10) T n-Eicosane (C20)         | 12.091 | 2479593    | 20.106 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.700 | 2510503    | 20.170 ug/ml |
| 13) T n-Docosane (C22)         | 13.284 | 2499370    | 20.272 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.382 | 2510123    | 20.399 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.400 | 2453139    | 20.587 ug/ml |
| 16) T n-Octacosane (C28)       | 16.345 | 2400286    | 20.760 ug/ml |
| 17) T n-Tricontane (C30)       | 17.230 | 2285813    | 20.939 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.059 | 2003406    | 20.896 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.839 | 1710968    | 20.632 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.577 | 1383119    | 20.254 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.285 | 1158456    | 20.098 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.130 | 1018135    | 20.364 ug/ml |
| -----                          |        |            |              |

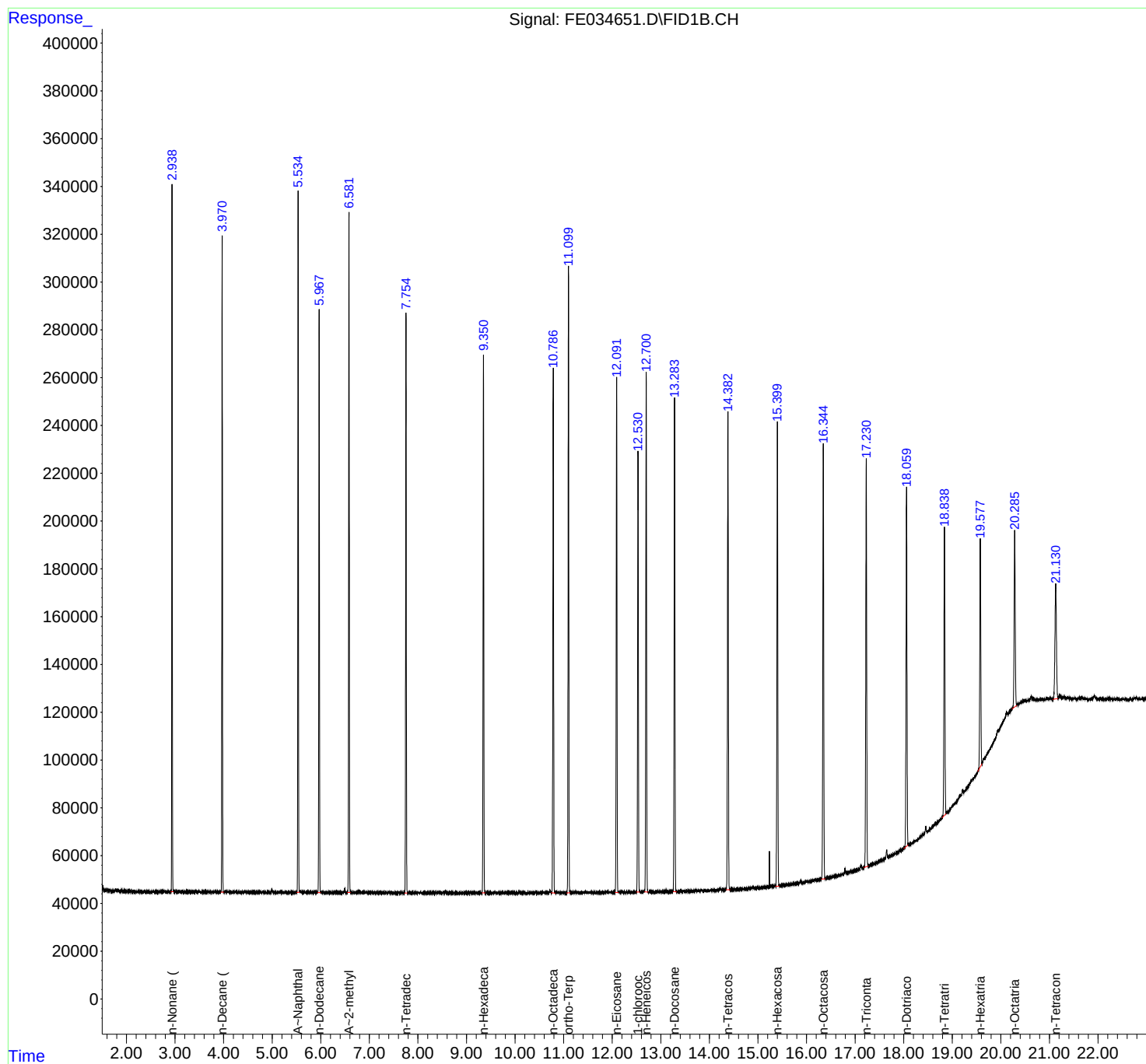
(f)=RT Delta > 1/2 Window

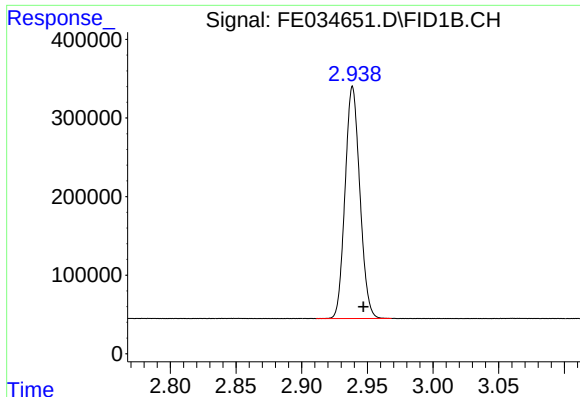
(m)=manual int.

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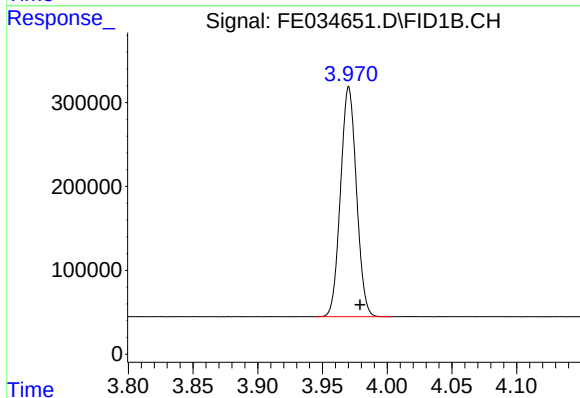
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





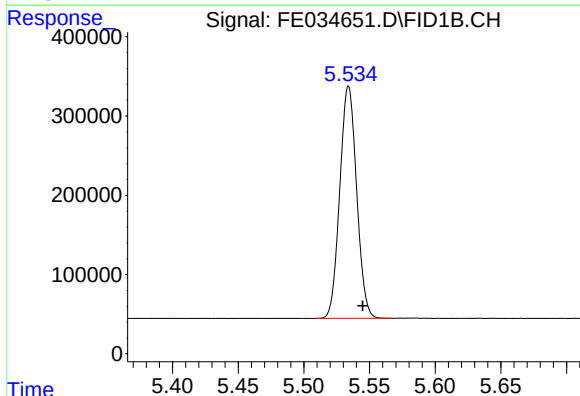
#1 n-Nonane (C9)

R.T.: 2.939 min  
Delta R.T.: -0.008 min  
Response: 2313635  
Conc: 19.84 ug/ml



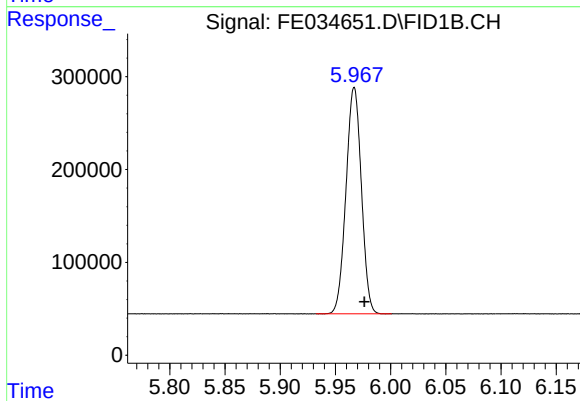
#2 n-Decane (C10)

R.T.: 3.970 min  
Delta R.T.: -0.009 min  
Response: 2348902  
Conc: 19.87 ug/ml



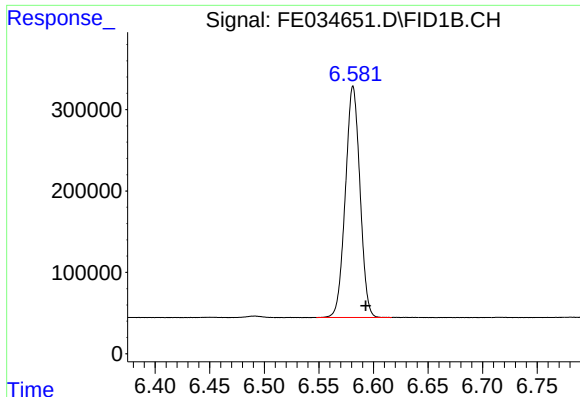
#3 A~Naphthalene (C11.7)

R.T.: 5.534 min  
Delta R.T.: -0.011 min  
Response: 2620387  
Conc: 19.86 ug/ml



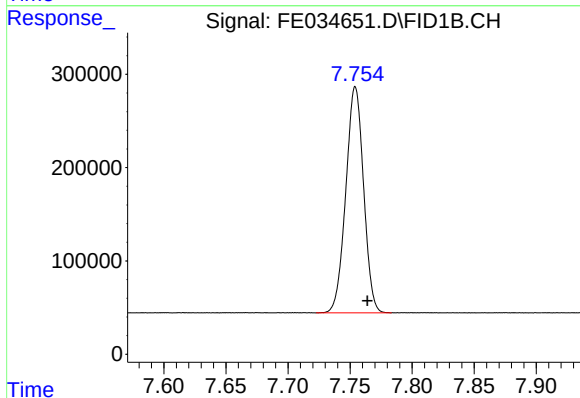
#4 n-Dodecane (C12)

R.T.: 5.967 min  
Delta R.T.: -0.009 min  
Response: 2363485  
Conc: 19.85 ug/ml



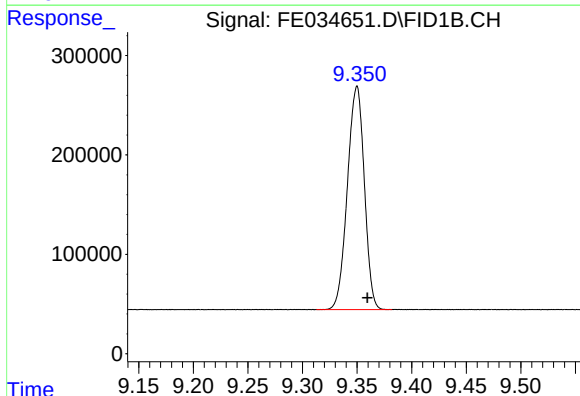
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.581 min  
Delta R.T.: -0.011 min  
Response: 2648190  
Conc: 19.88 ug/ml



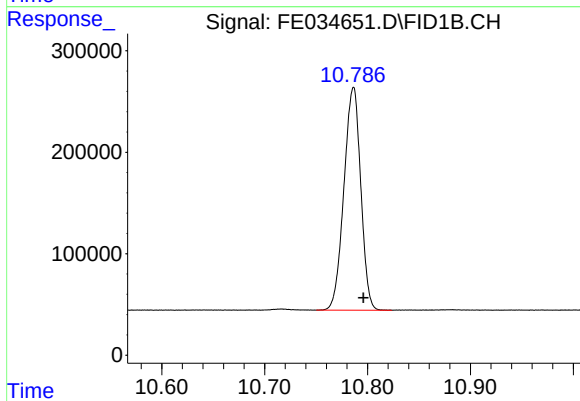
#6 n-Tetradecane (C14)

R.T.: 7.754 min  
Delta R.T.: -0.010 min  
Response: 2416937  
Conc: 19.91 ug/ml



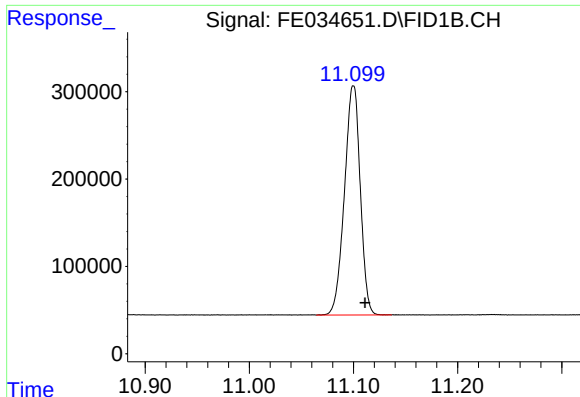
#7 n-Hexadecane (C16)

R.T.: 9.350 min  
Delta R.T.: -0.010 min  
Response: 2426104  
Conc: 19.92 ug/ml



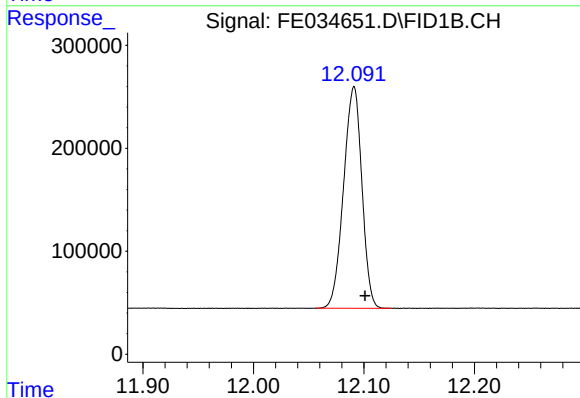
#8 n-Octadecane (C18)

R.T.: 10.786 min  
Delta R.T.: -0.010 min  
Response: 2496005  
Conc: 20.02 ug/ml



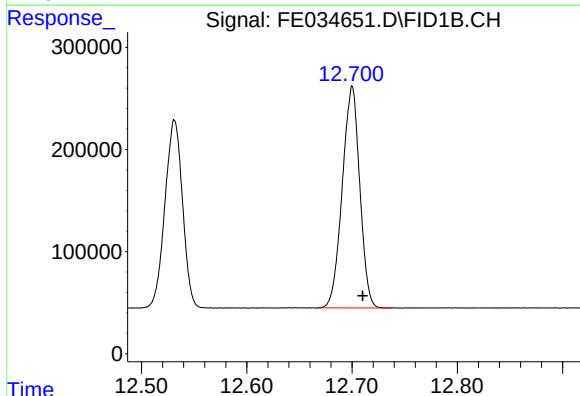
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min  
Delta R.T.: -0.011 min  
Response: 2769441  
Conc: 20.02 ug/ml



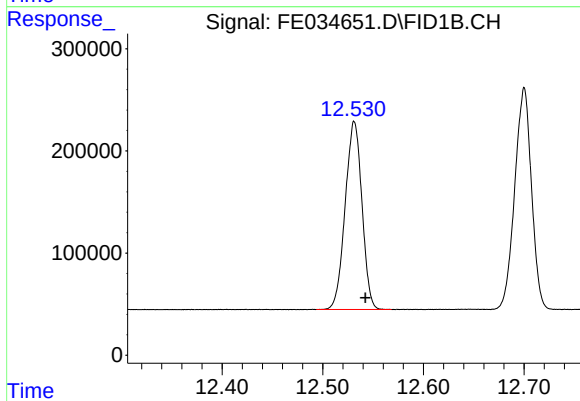
#10 n-Eicosane (C20)

R.T.: 12.091 min  
Delta R.T.: -0.010 min  
Response: 2479593  
Conc: 20.11 ug/ml



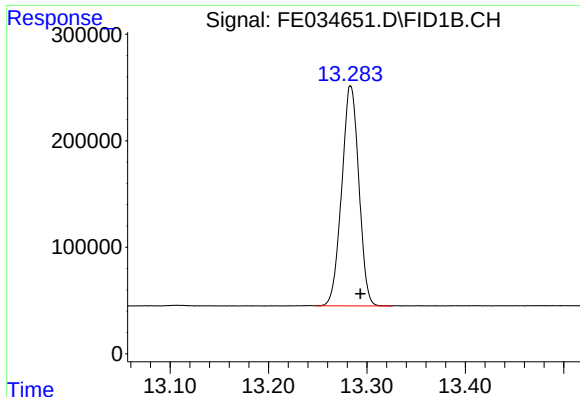
#11 n-Heneicosane (C21)

R.T.: 12.700 min  
Delta R.T.: -0.010 min  
Response: 2510503  
Conc: 20.17 ug/ml



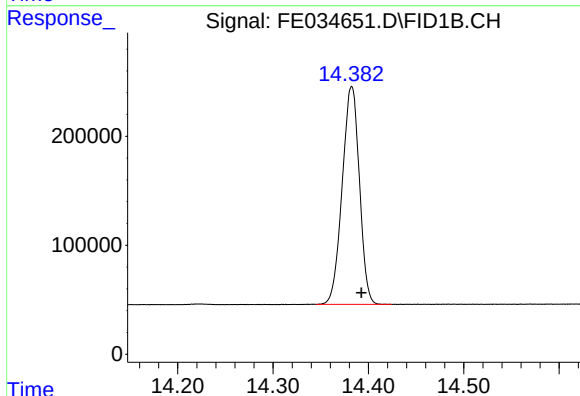
#12 1-chlorooctadecane (SURR)

R.T.: 12.531 min  
Delta R.T.: -0.011 min  
Response: 2133680  
Conc: 20.26 ug/ml



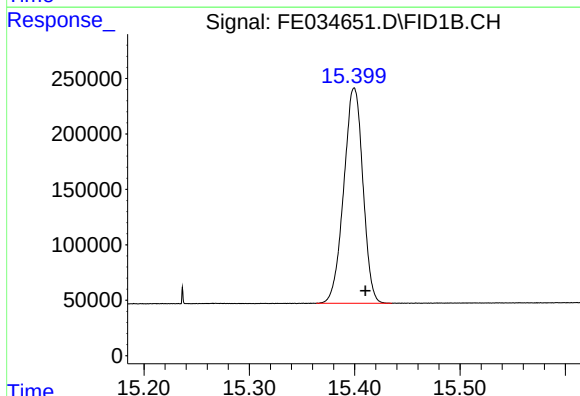
#13 n-Docosane (C22)

R.T.: 13.284 min  
Delta R.T.: -0.010 min  
Response: 2499370  
Conc: 20.27 ug/ml



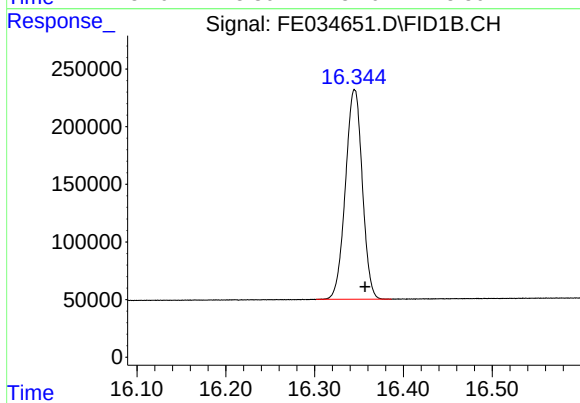
#14 n-Tetracosane (C24)

R.T.: 14.382 min  
Delta R.T.: -0.010 min  
Response: 2510123  
Conc: 20.40 ug/ml



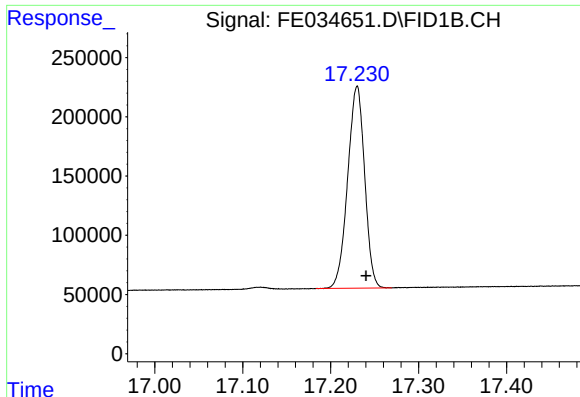
#15 n-Hexacosane (C26)

R.T.: 15.400 min  
Delta R.T.: -0.011 min  
Response: 2453139  
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.345 min  
Delta R.T.: -0.012 min  
Response: 2400286  
Conc: 20.76 ug/ml



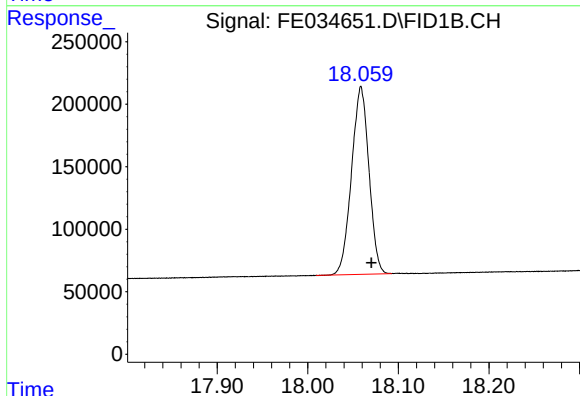
#17 n-Tricontane (C30)

R.T.: 17.230 min

Delta R.T.: -0.010 min

Response: 2285813

Conc: 20.94 ug/ml



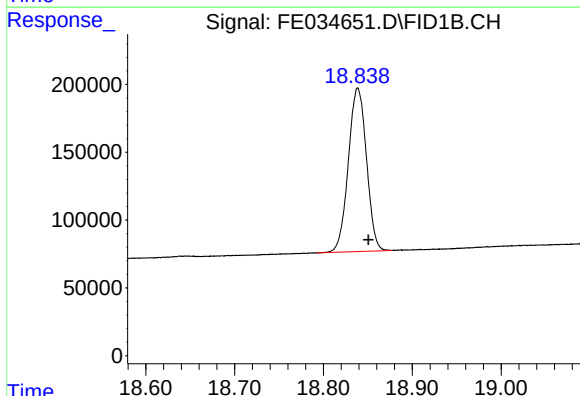
#18 n-Dotriacontane (C32)

R.T.: 18.059 min

Delta R.T.: -0.011 min

Response: 2003406

Conc: 20.90 ug/ml



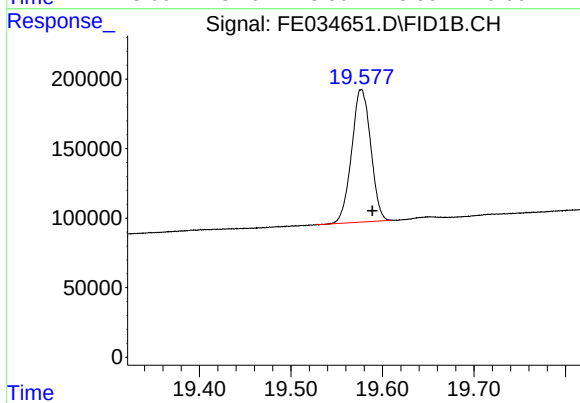
#19 n-Tetratriacontane (C34)

R.T.: 18.839 min

Delta R.T.: -0.012 min

Response: 1710968

Conc: 20.63 ug/ml



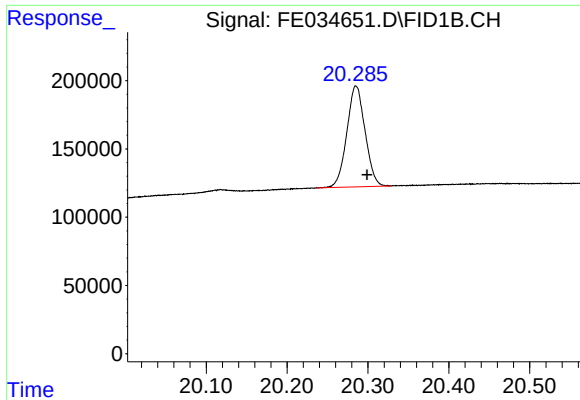
#20 n-Hexatriacontane (C36)

R.T.: 19.577 min

Delta R.T.: -0.012 min

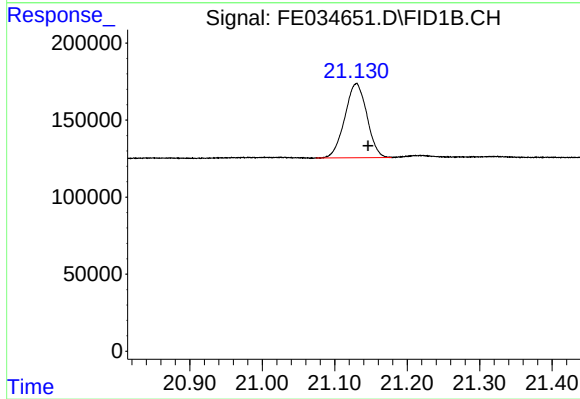
Response: 1383119

Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min  
Delta R.T.: -0.013 min  
Response: 1158456  
Conc: 20.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.130 min  
Delta R.T.: -0.016 min  
Response: 1018135  
Conc: 20.36 ug/ml