

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041221AL\  
 Data File : FE033571.D  
 Signal(s) : FID1B.CH  
 Acq On : 12 Apr 2021 15:18  
 Operator : DD\AJ  
 Sample : M1458-02  
 Misc : ALIPHATIC LOQ 5 PPM  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 13 07:49:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 040921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 09 23:46:40 2021  
 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.088 | 16591557   | 46.965 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 93.93%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.430  | 2145441    | 5.322 ug/ml  |
| 2) T n-Decane (C10)            | 4.472  | 2174752    | 5.365 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.480  | 2234952    | 5.424 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.275  | 2288817    | 5.536 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.878  | 2324998    | 5.545 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.320 | 2413283    | 5.691 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.629 | 2347189    | 5.543 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.243 | 2344480    | 5.467 ug/ml  |
| 13) T n-Docosane (C22)         | 13.829 | 2328262    | 5.489 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.932 | 2293149    | 5.443 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.954 | 2236814    | 5.354 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.904 | 2139257    | 5.340 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.793 | 2120212    | 5.186 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.626 | 2008012    | 4.952 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.411 | 1838310    | 4.752 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.150 | 1675357    | 4.472 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.896 | 1424673    | 3.997 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.827 | 1363132    | 4.058 ug/mlm |
| -----                          |        |            |              |

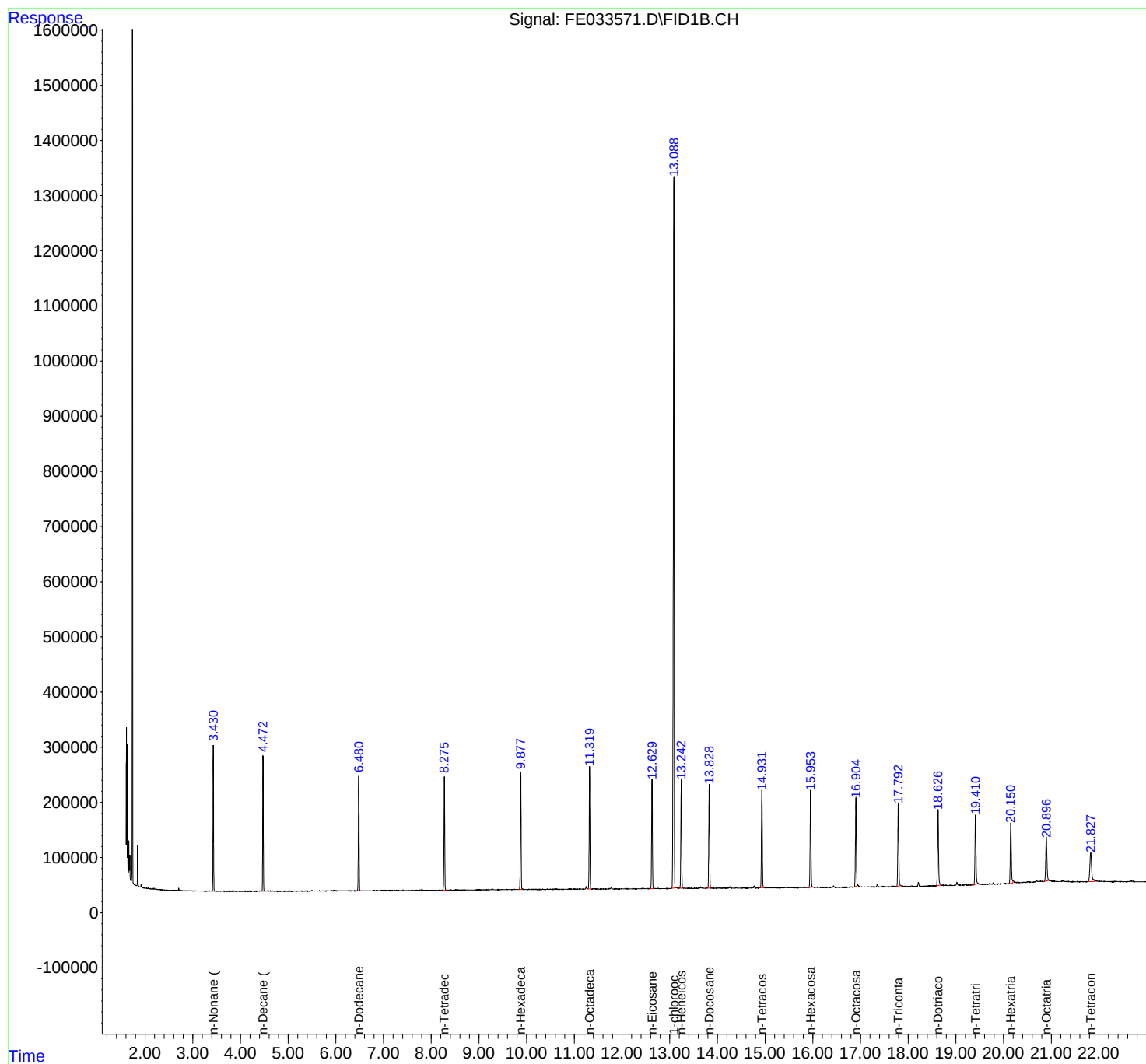
(f)=RT Delta > 1/2 Window

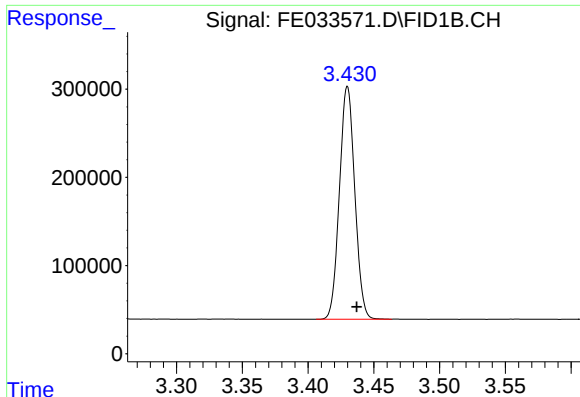
(m)=manual int.

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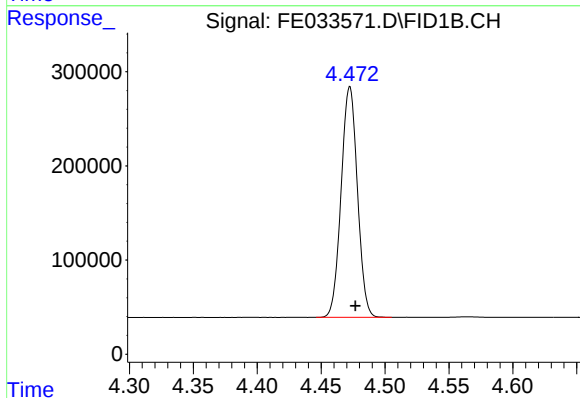
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





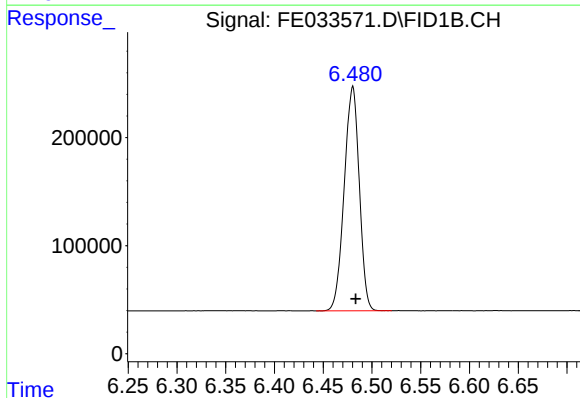
#1 n-Nonane (C9)

R.T.: 3.430 min  
Delta R.T.: -0.007 min  
Response: 2145441  
Conc: 5.32 ug/ml



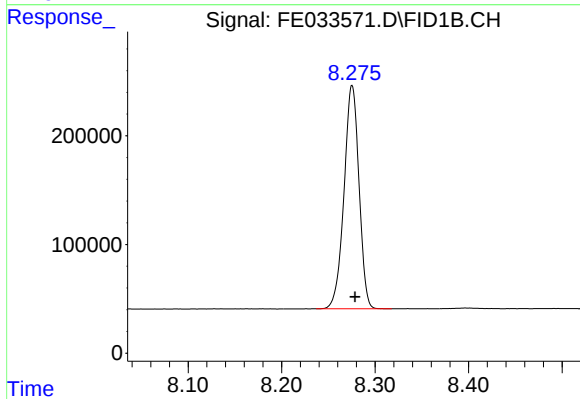
#2 n-Decane (C10)

R.T.: 4.472 min  
Delta R.T.: -0.004 min  
Response: 2174752  
Conc: 5.36 ug/ml



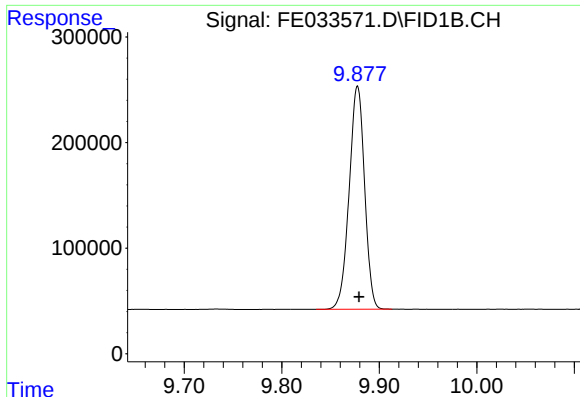
#4 n-Dodecane (C12)

R.T.: 6.480 min  
Delta R.T.: -0.003 min  
Response: 2234952  
Conc: 5.42 ug/ml



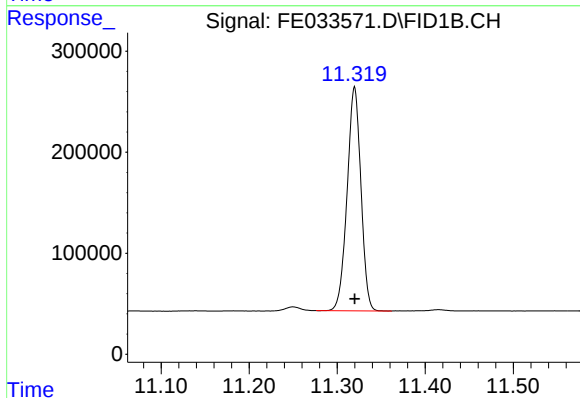
#6 n-Tetradecane (C14)

R.T.: 8.275 min  
Delta R.T.: -0.003 min  
Response: 2288817  
Conc: 5.54 ug/ml



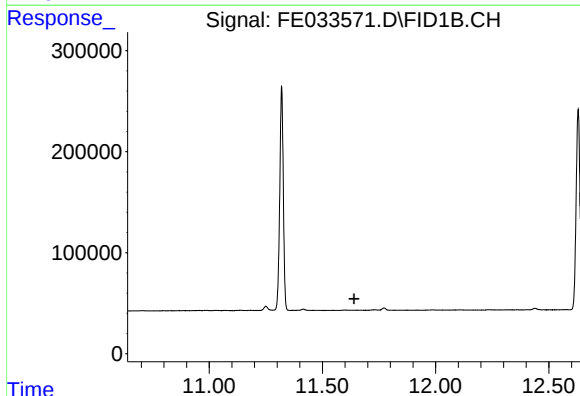
#7 n-Hexadecane (C16)

R.T.: 9.878 min  
Delta R.T.: -0.001 min  
Response: 2324998  
Conc: 5.55 ug/ml



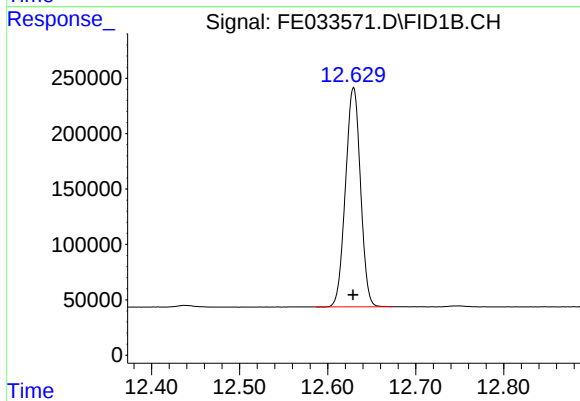
#8 n-Octadecane (C18)

R.T.: 11.320 min  
Delta R.T.: 0.000 min  
Response: 2413283  
Conc: 5.69 ug/ml



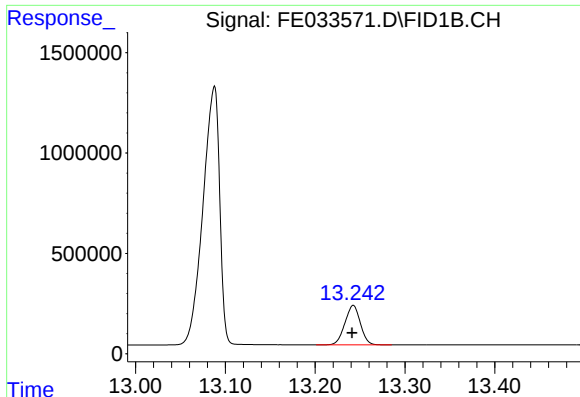
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.639 min  
Response: 0  
Conc: N.D.



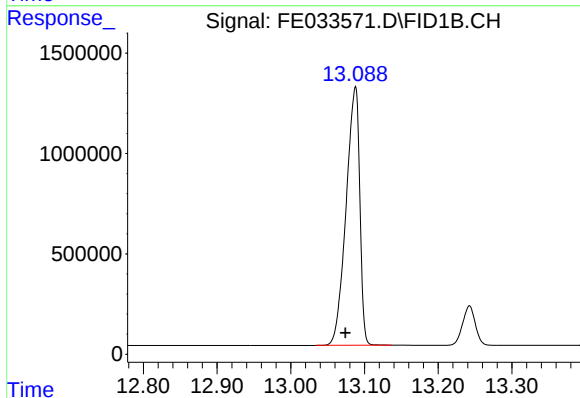
#10 n-Eicosane (C20)

R.T.: 12.629 min  
Delta R.T.: 0.000 min  
Response: 2347189  
Conc: 5.54 ug/ml



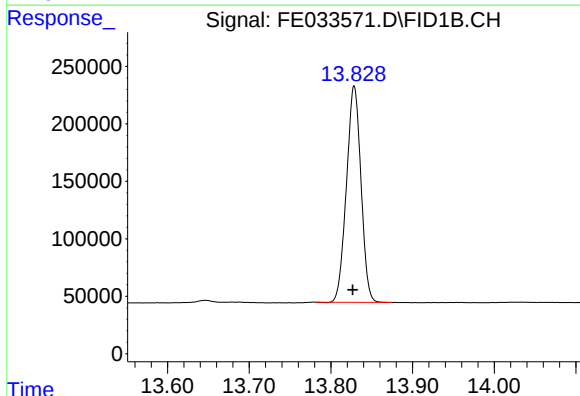
#11 n-Heneicosane (C21)

R.T.: 13.243 min  
Delta R.T.: 0.002 min  
Response: 2344480  
Conc: 5.47 ug/ml



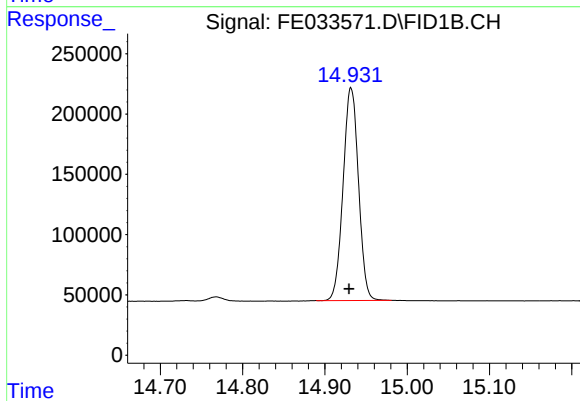
#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min  
Delta R.T.: 0.013 min  
Response: 16591557  
Conc: 46.96 ug/ml



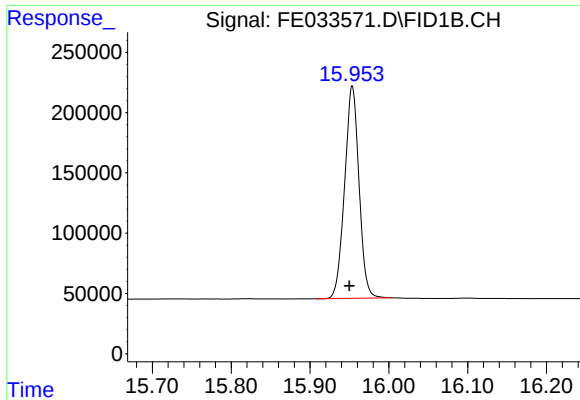
#13 n-Docosane (C22)

R.T.: 13.829 min  
Delta R.T.: 0.002 min  
Response: 2328262  
Conc: 5.49 ug/ml



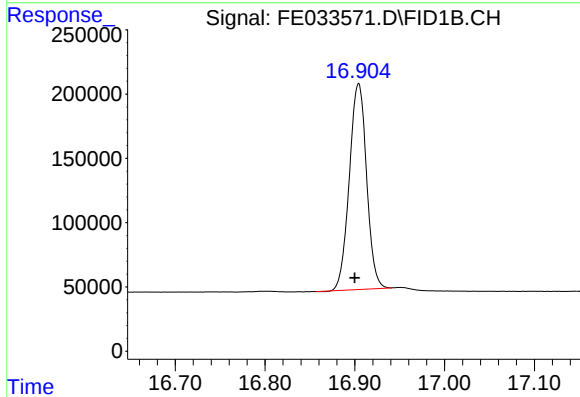
#14 n-Tetracosane (C24)

R.T.: 14.932 min  
Delta R.T.: 0.002 min  
Response: 2293149  
Conc: 5.44 ug/ml



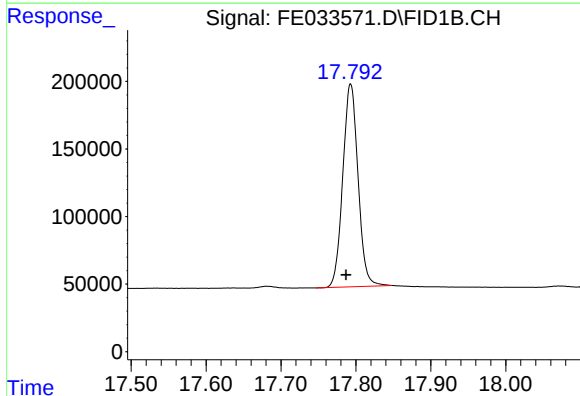
#15 n-Hexacosane (C26)

R.T.: 15.954 min  
Delta R.T.: 0.004 min  
Response: 2236814  
Conc: 5.35 ug/ml



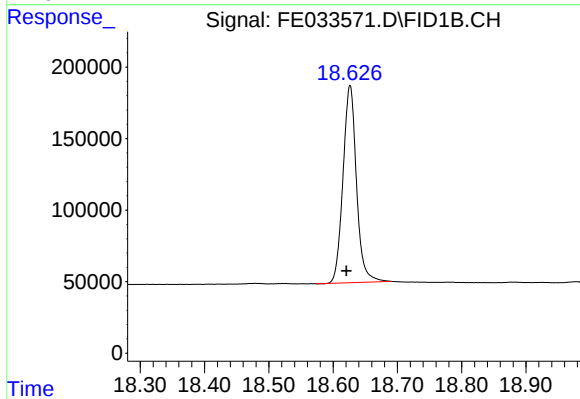
#16 n-Octacosane (C28)

R.T.: 16.904 min  
Delta R.T.: 0.004 min  
Response: 2139257  
Conc: 5.34 ug/ml



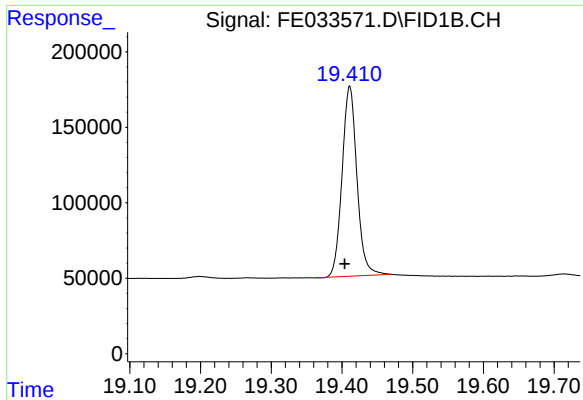
#17 n-Tricontane (C30)

R.T.: 17.793 min  
Delta R.T.: 0.006 min  
Response: 2120212  
Conc: 5.19 ug/ml



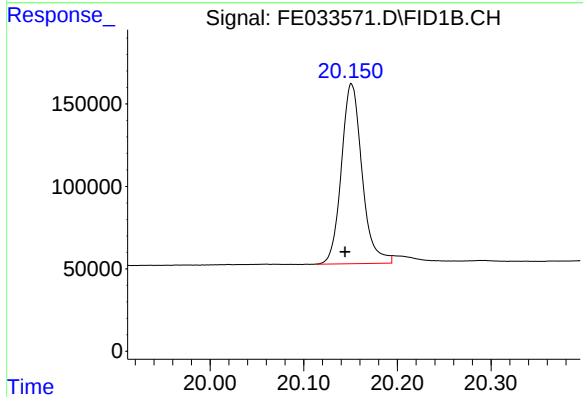
#18 n-Dotriacontane (C32)

R.T.: 18.626 min  
Delta R.T.: 0.006 min  
Response: 2008012  
Conc: 4.95 ug/ml



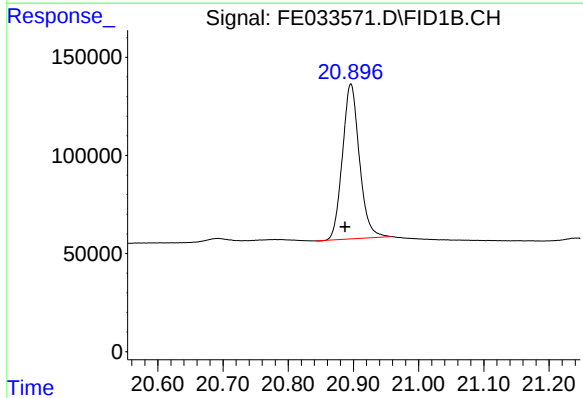
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min  
Delta R.T.: 0.007 min  
Response: 1838310  
Conc: 4.75 ug/ml



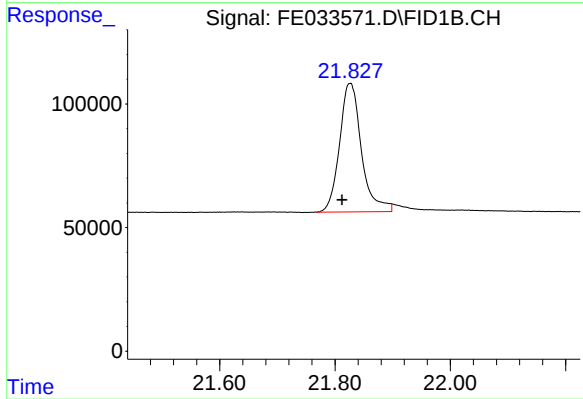
#20 n-Hexatriacontane (C36)

R.T.: 20.150 min  
Delta R.T.: 0.006 min  
Response: 1675357  
Conc: 4.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.896 min  
Delta R.T.: 0.009 min  
Response: 1424673  
Conc: 4.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.827 min  
Delta R.T.: 0.015 min  
Response: 1363132  
Conc: 4.06 ug/ml m