

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021624AL\  
 Data File : FE046827.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Feb 2024 12:58  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 17 00:32:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

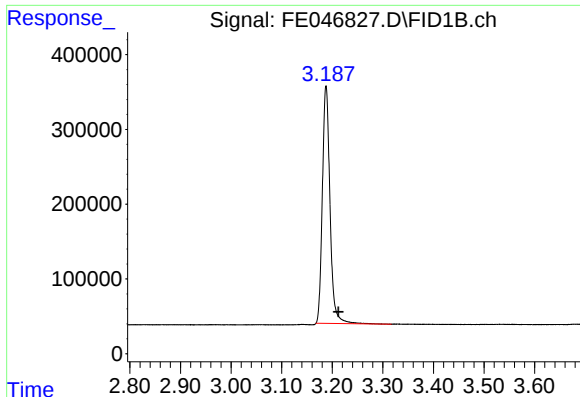
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.795 | 3668008    | 19.837 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.67%       |
| 12) S 1-chlorooctadecane (S... | 13.237 | 2787727    | 19.594 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.188  | 3324540    | 20.582 ug/ml |
| 2) T n-Decane (C10)            | 4.438  | 3586946    | 21.887 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.143  | 3616507    | 21.149 ug/ml |
| 4) T n-Dodecane (C12)          | 6.605  | 3603454    | 21.785 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.239  | 3407442    | 21.364 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.431  | 3531685    | 21.548 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.039 | 3582650    | 20.966 ug/ml |
| 8) T n-Octadecane (C18)        | 11.483 | 3594598    | 20.619 ug/ml |
| 10) T n-Eicosane (C20)         | 12.793 | 3408000    | 20.072 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.404 | 3313577    | 19.867 ug/ml |
| 13) T n-Docosane (C22)         | 13.990 | 3306374    | 19.958 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.093 | 3330402    | 20.184 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.116 | 3285438    | 20.356 ug/ml |
| 16) T n-Octacosane (C28)       | 17.066 | 3291654    | 20.969 ug/ml |
| 17) T n-Tricontane (C30)       | 17.954 | 3428875    | 21.891 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.789 | 3104942    | 20.541 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.572 | 3117659    | 21.981 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.313 | 2900349    | 21.041 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.036 | 2805213    | 21.882 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.913 | 2654527    | 21.230 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

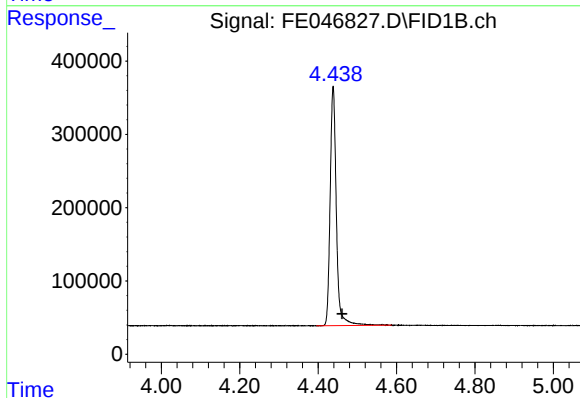
(m)=manual int.





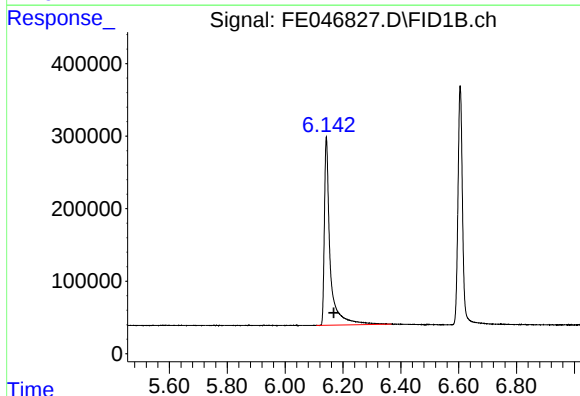
#1 n-Nonane (C9)

R.T.: 3.188 min  
Delta R.T.: -0.024 min  
Response: 3324540  
Conc: 20.58 ug/ml



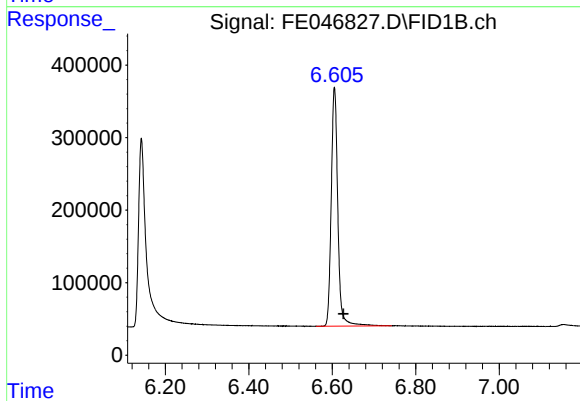
#2 n-Decane (C10)

R.T.: 4.438 min  
Delta R.T.: -0.023 min  
Response: 3586946  
Conc: 21.89 ug/ml



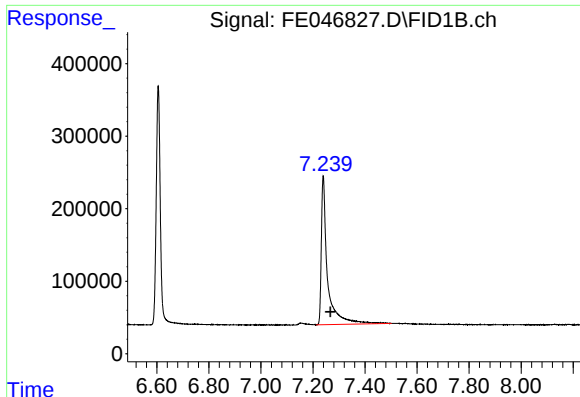
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min  
Delta R.T.: -0.026 min  
Response: 3616507  
Conc: 21.15 ug/ml



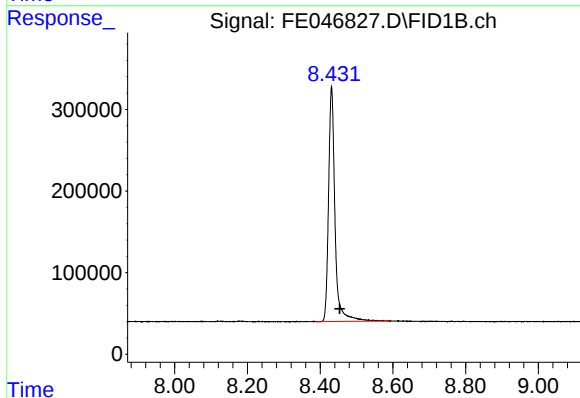
#4 n-Dodecane (C12)

R.T.: 6.605 min  
Delta R.T.: -0.021 min  
Response: 3603454  
Conc: 21.78 ug/ml



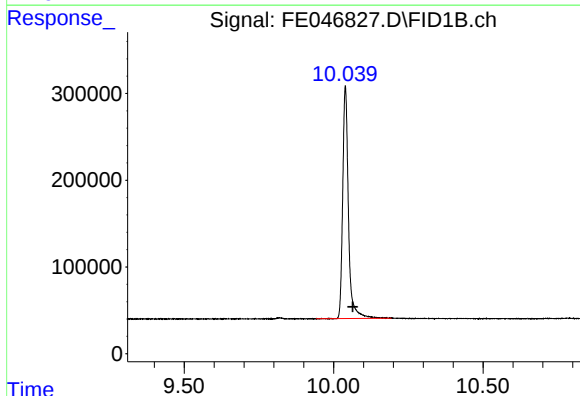
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min  
Delta R.T.: -0.028 min  
Response: 3407442  
Conc: 21.36 ug/ml



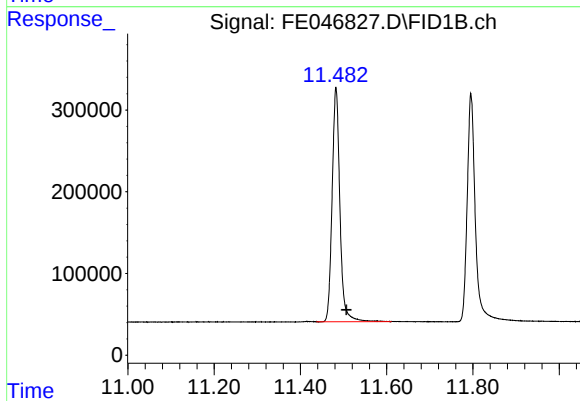
#6 n-Tetradecane (C14)

R.T.: 8.431 min  
Delta R.T.: -0.023 min  
Response: 3531685  
Conc: 21.55 ug/ml



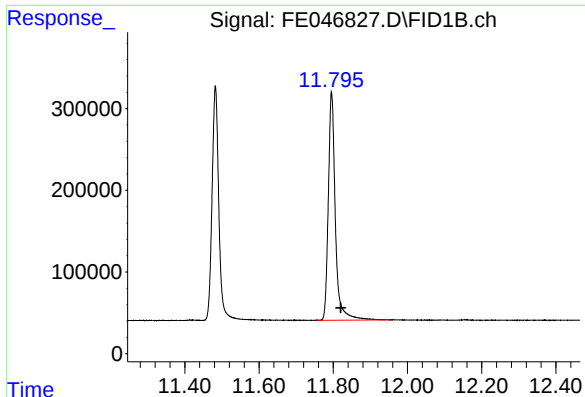
#7 n-Hexadecane (C16)

R.T.: 10.039 min  
Delta R.T.: -0.025 min  
Response: 3582650  
Conc: 20.97 ug/ml



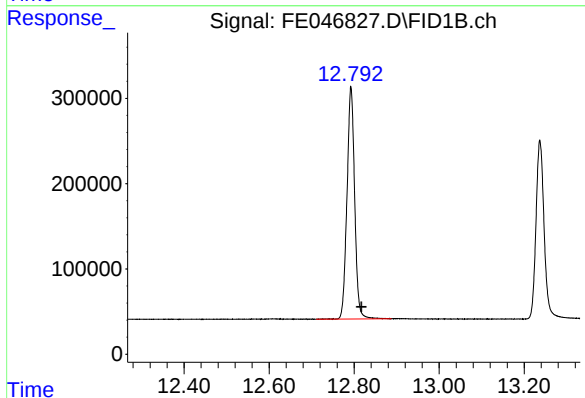
#8 n-Octadecane (C18)

R.T.: 11.483 min  
Delta R.T.: -0.024 min  
Response: 3594598  
Conc: 20.62 ug/ml



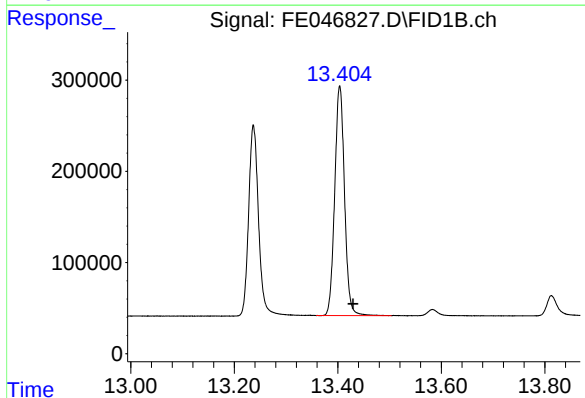
#9 ortho-Terphenyl (SURR)

R.T.: 11.795 min  
Delta R.T.: -0.025 min  
Response: 3668008  
Conc: 19.84 ug/ml



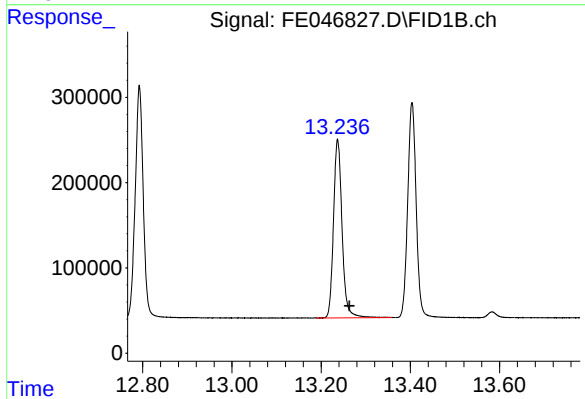
#10 n-Eicosane (C20)

R.T.: 12.793 min  
Delta R.T.: -0.024 min  
Response: 3408000  
Conc: 20.07 ug/ml



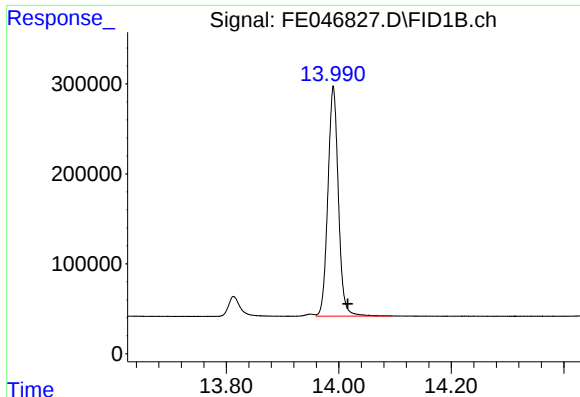
#11 n-Heneicosane (C21)

R.T.: 13.404 min  
Delta R.T.: -0.026 min  
Response: 3313577  
Conc: 19.87 ug/ml



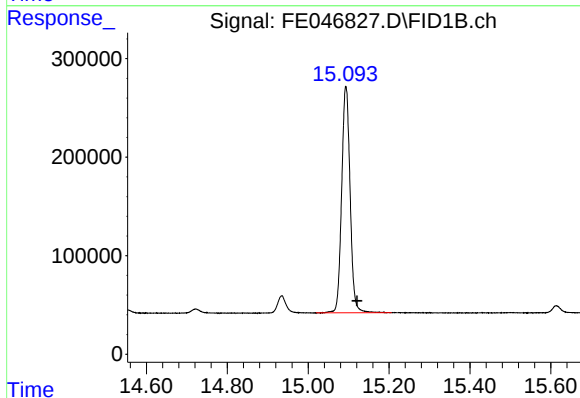
#12 1-chlorooctadecane (SURR)

R.T.: 13.237 min  
Delta R.T.: -0.027 min  
Response: 2787727  
Conc: 19.59 ug/ml



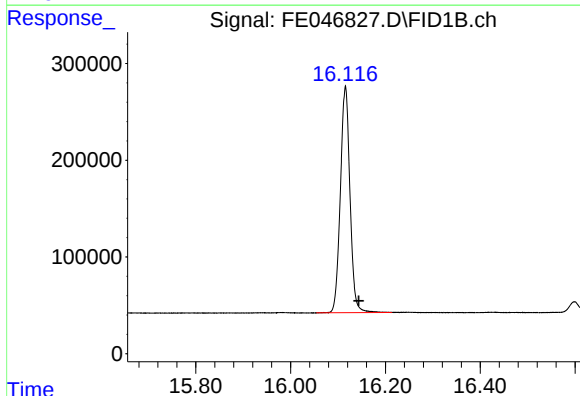
#13 n-Docosane (C22)

R.T.: 13.990 min  
Delta R.T.: -0.026 min  
Response: 3306374  
Conc: 19.96 ug/ml



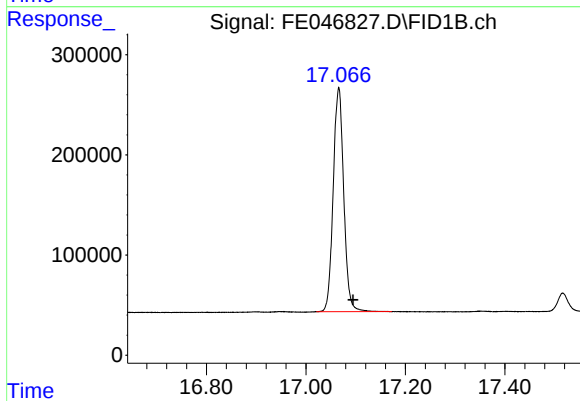
#14 n-Tetracosane (C24)

R.T.: 15.093 min  
Delta R.T.: -0.028 min  
Response: 3330402  
Conc: 20.18 ug/ml



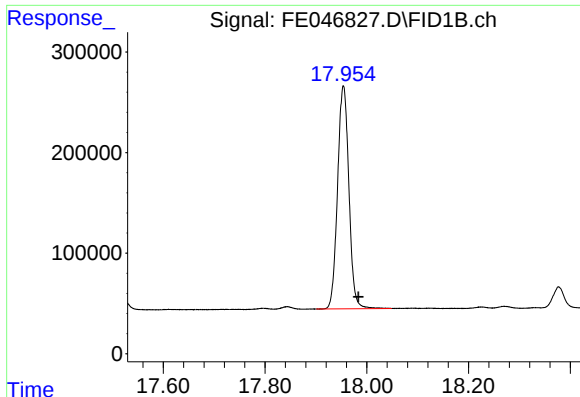
#15 n-Hexacosane (C26)

R.T.: 16.116 min  
Delta R.T.: -0.028 min  
Response: 3285438  
Conc: 20.36 ug/ml



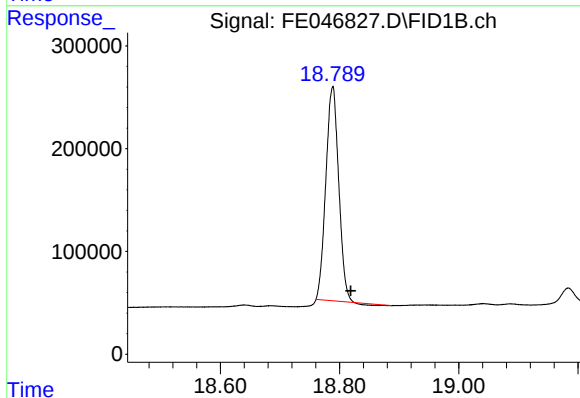
#16 n-Octacosane (C28)

R.T.: 17.066 min  
Delta R.T.: -0.028 min  
Response: 3291654  
Conc: 20.97 ug/ml



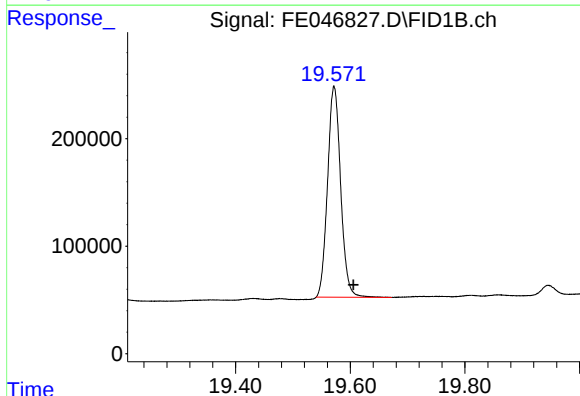
#17 n-Tricontane (C30)

R.T.: 17.954 min  
Delta R.T.: -0.030 min  
Response: 3428875  
Conc: 21.89 ug/ml



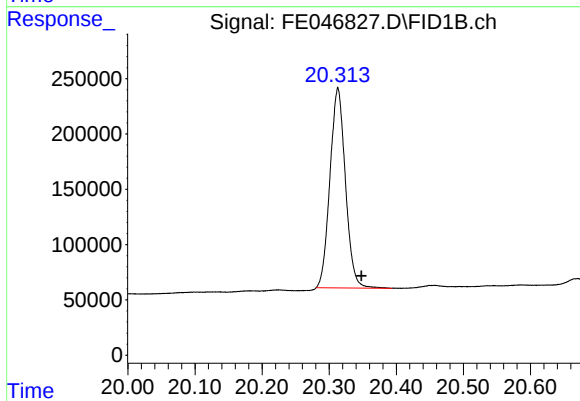
#18 n-Dotriacontane (C32)

R.T.: 18.789 min  
Delta R.T.: -0.030 min  
Response: 3104942  
Conc: 20.54 ug/ml



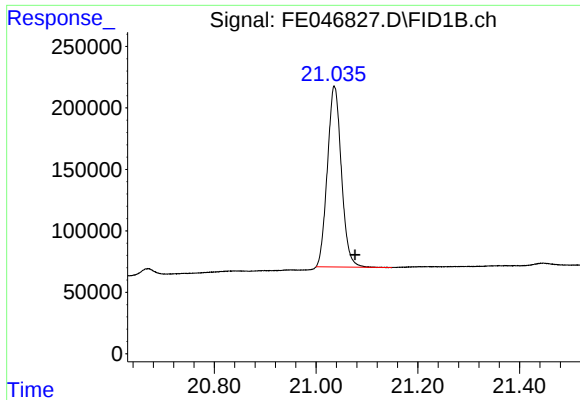
#19 n-Tetratriacontane (C34)

R.T.: 19.572 min  
Delta R.T.: -0.034 min  
Response: 3117659  
Conc: 21.98 ug/ml



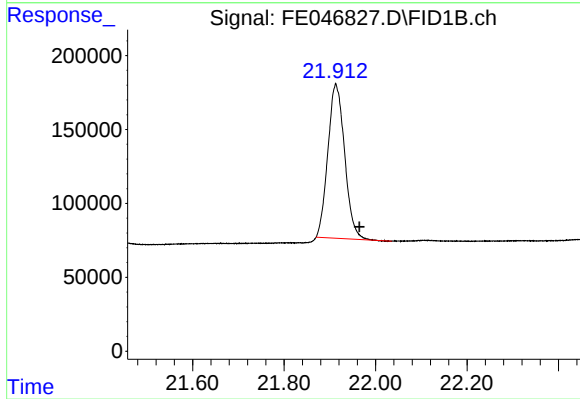
#20 n-Hexatriacontane (C36)

R.T.: 20.313 min  
Delta R.T.: -0.035 min  
Response: 2900349  
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.036 min  
Delta R.T.: -0.041 min  
Response: 2805213  
Conc: 21.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.913 min  
Delta R.T.: -0.052 min  
Response: 2654527  
Conc: 21.23 ug/ml