

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030524AL\  
 Data File : FE047086.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Mar 2024 11:00  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 06 00:24:28 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

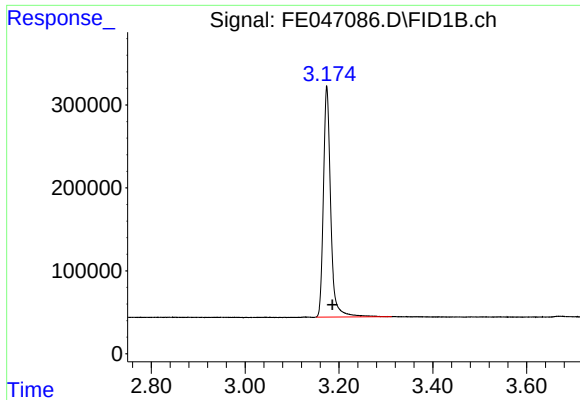
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.781 | 3256146    | 19.819 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.64%        |
| 12) S 1-chlorooctadecane (S... | 13.222 | 2447810    | 19.885 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.77%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.174  | 3008793    | 19.731 ug/ml  |
| 2) T n-Decane (C10)            | 4.425  | 3091157    | 19.958 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.132  | 3043071    | 19.321 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.593  | 3119978    | 20.066 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.229  | 2748644    | 19.168 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.419  | 3092131    | 20.053 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.026 | 3167064    | 19.961 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.468 | 3205519    | 20.108 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.776 | 3024015    | 19.978 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.388 | 2939924    | 19.853 ug/ml  |
| 13) T n-Docosane (C22)         | 13.974 | 2906529    | 19.977 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.077 | 2861373    | 20.035 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.099 | 2796873    | 20.015 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.046 | 2737806    | 20.096 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.935 | 2831780    | 20.297 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.767 | 2800615    | 20.353 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.553 | 2753655    | 20.498 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.294 | 2751118    | 20.660 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.012 | 2838083    | 20.598 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.880 | 2864181    | 20.300 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

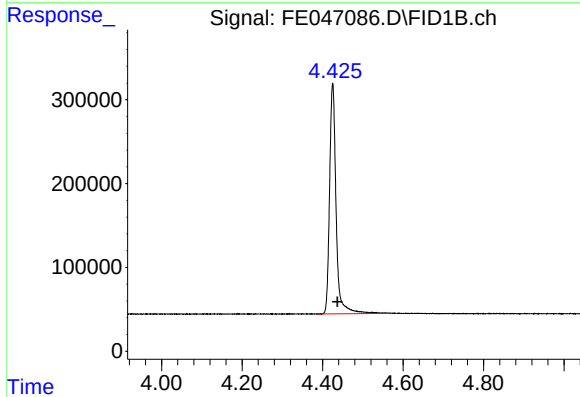
(m)=manual int.





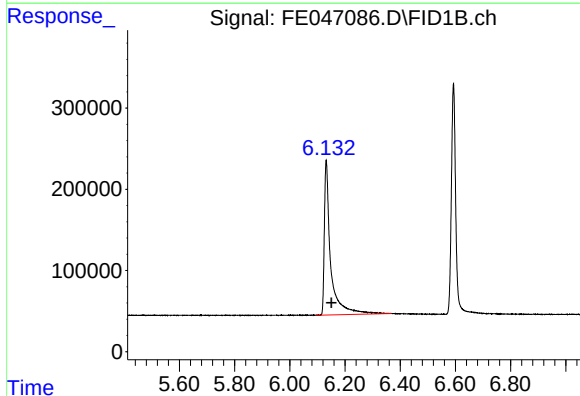
#1 n-Nonane (C9)

R.T.: 3.174 min  
Delta R.T.: -0.012 min  
Response: 3008793  
Conc: 19.73 ug/ml



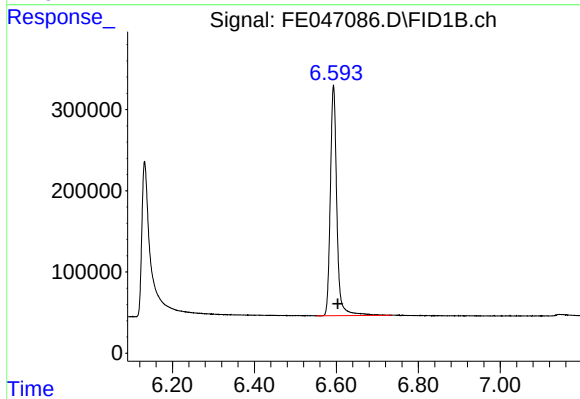
#2 n-Decane (C10)

R.T.: 4.425 min  
Delta R.T.: -0.011 min  
Response: 3091157  
Conc: 19.96 ug/ml



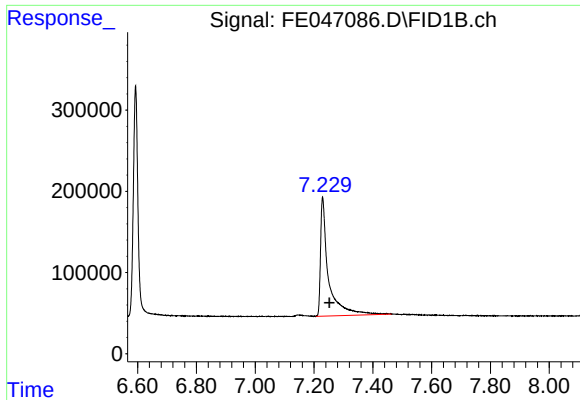
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min  
Delta R.T.: -0.019 min  
Response: 3043071  
Conc: 19.32 ug/ml



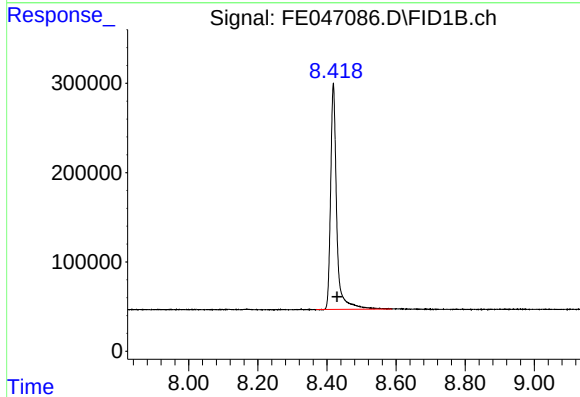
#4 n-Dodecane (C12)

R.T.: 6.593 min  
Delta R.T.: -0.011 min  
Response: 3119978  
Conc: 20.07 ug/ml



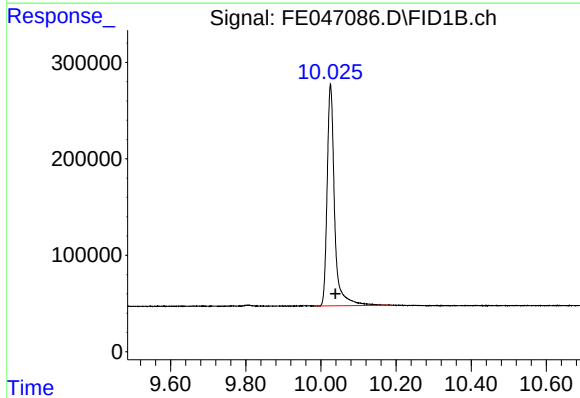
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min  
Delta R.T.: -0.023 min  
Response: 2748644  
Conc: 19.17 ug/ml



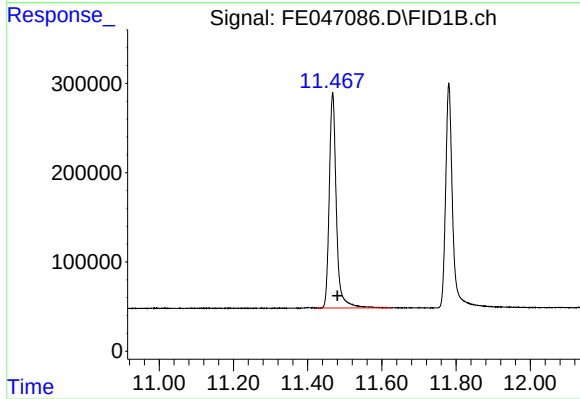
#6 n-Tetradecane (C14)

R.T.: 8.419 min  
Delta R.T.: -0.011 min  
Response: 3092131  
Conc: 20.05 ug/ml



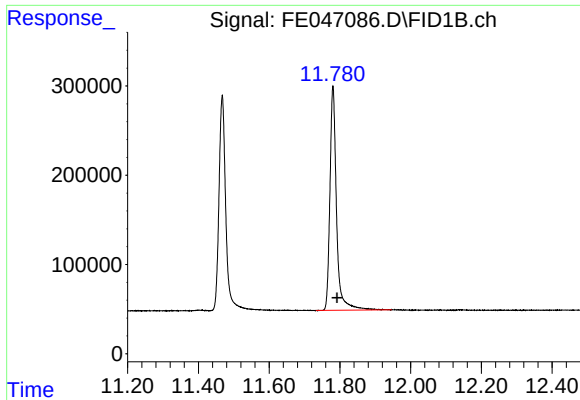
#7 n-Hexadecane (C16)

R.T.: 10.026 min  
Delta R.T.: -0.013 min  
Response: 3167064  
Conc: 19.96 ug/ml



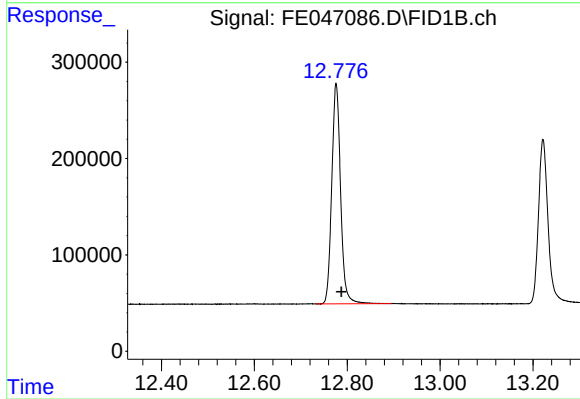
#8 n-Octadecane (C18)

R.T.: 11.468 min  
Delta R.T.: -0.013 min  
Response: 3205519  
Conc: 20.11 ug/ml



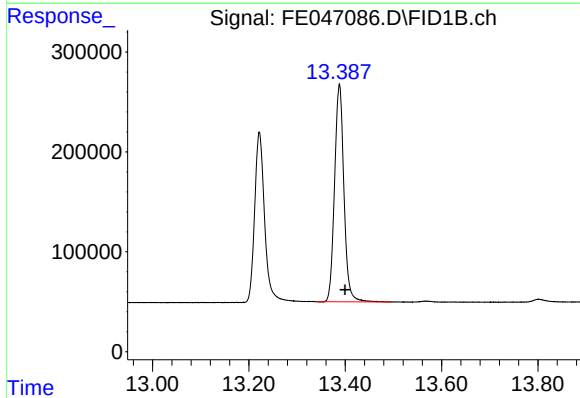
#9 ortho-Terphenyl (SURR)

R.T.: 11.781 min  
Delta R.T.: -0.012 min  
Response: 3256146  
Conc: 19.82 ug/ml



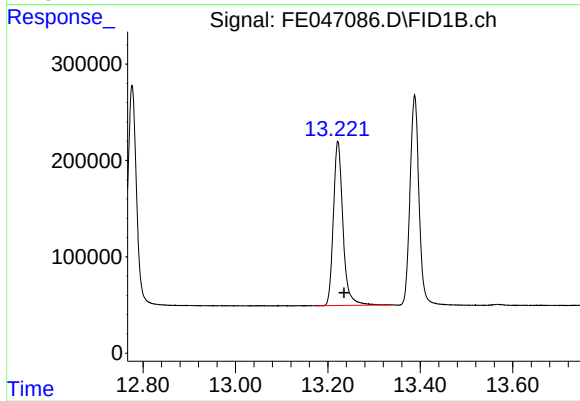
#10 n-Eicosane (C20)

R.T.: 12.776 min  
Delta R.T.: -0.011 min  
Response: 3024015  
Conc: 19.98 ug/ml



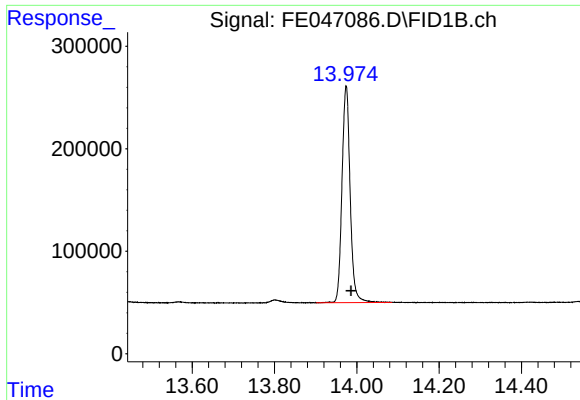
#11 n-Heneicosane (C21)

R.T.: 13.388 min  
Delta R.T.: -0.012 min  
Response: 2939924  
Conc: 19.85 ug/ml



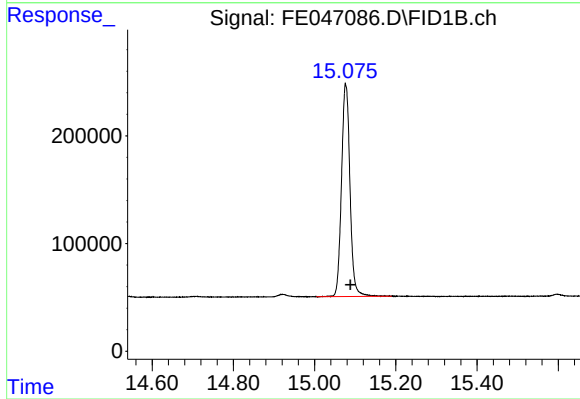
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min  
Delta R.T.: -0.013 min  
Response: 2447810  
Conc: 19.88 ug/ml



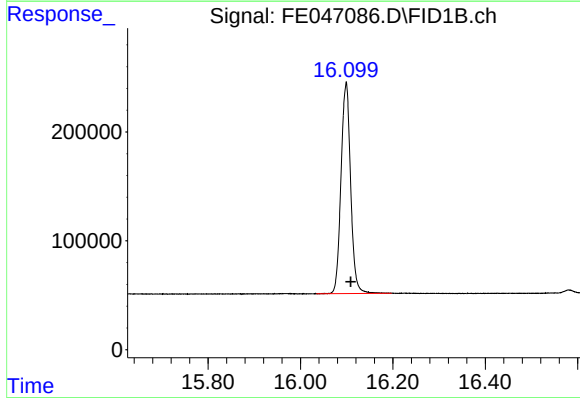
#13 n-Docosane (C22)

R.T.: 13.974 min  
Delta R.T.: -0.012 min  
Response: 2906529  
Conc: 19.98 ug/ml



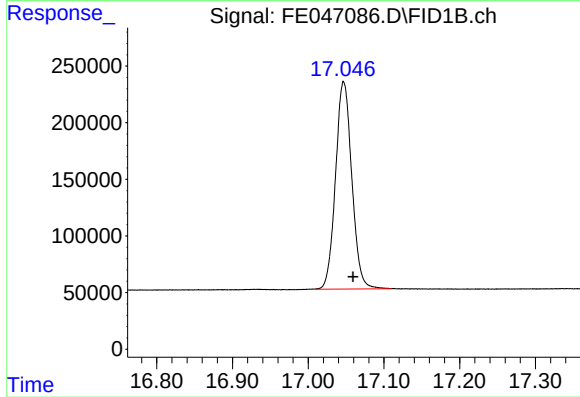
#14 n-Tetracosane (C24)

R.T.: 15.077 min  
Delta R.T.: -0.012 min  
Response: 2861373  
Conc: 20.04 ug/ml



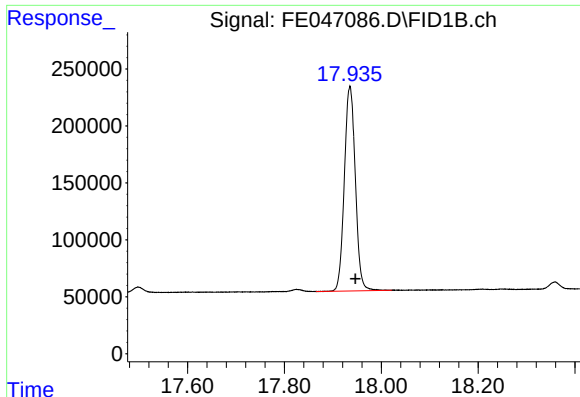
#15 n-Hexacosane (C26)

R.T.: 16.099 min  
Delta R.T.: -0.010 min  
Response: 2796873  
Conc: 20.01 ug/ml



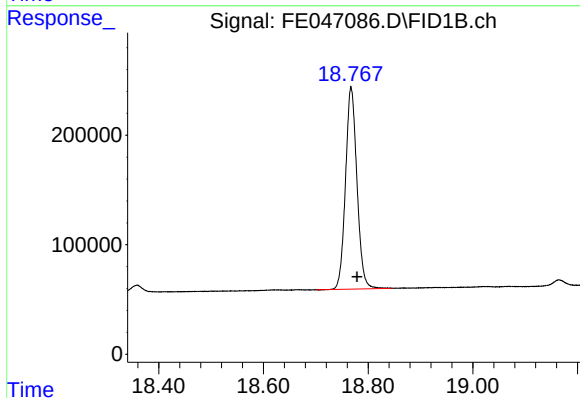
#16 n-Octacosane (C28)

R.T.: 17.046 min  
Delta R.T.: -0.013 min  
Response: 2737806  
Conc: 20.10 ug/ml m



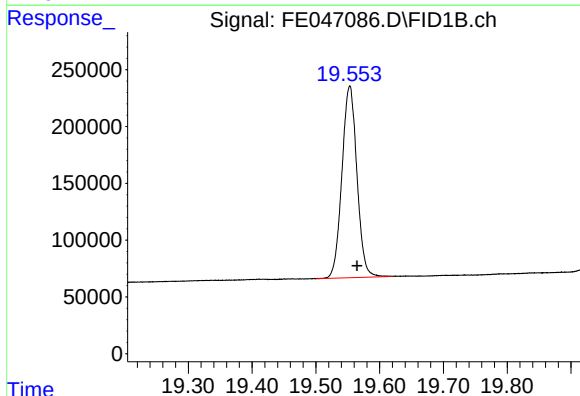
#17 n-Tricontane (C30)

R.T.: 17.935 min  
Delta R.T.: -0.011 min  
Response: 2831780  
Conc: 20.30 ug/ml



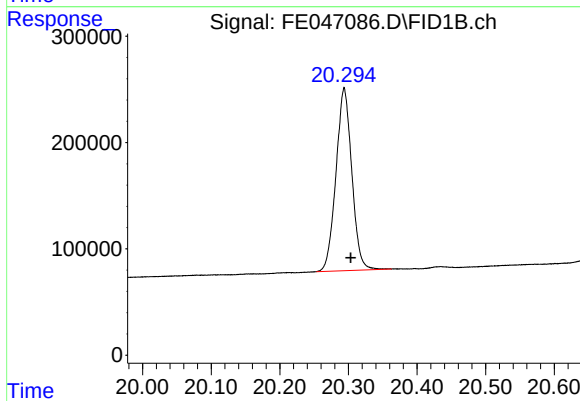
#18 n-Dotriacontane (C32)

R.T.: 18.767 min  
Delta R.T.: -0.012 min  
Response: 2800615  
Conc: 20.35 ug/ml



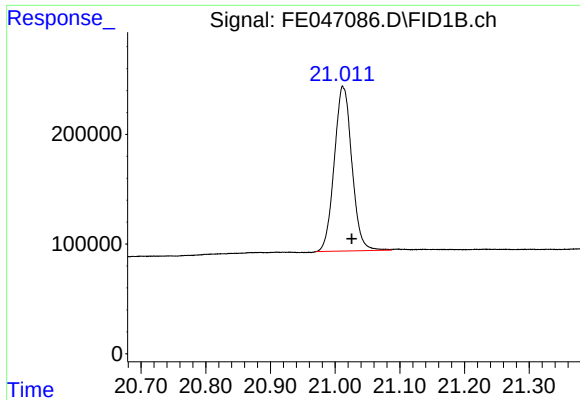
#19 n-Tetratriacontane (C34)

R.T.: 19.553 min  
Delta R.T.: -0.011 min  
Response: 2753655  
Conc: 20.50 ug/ml



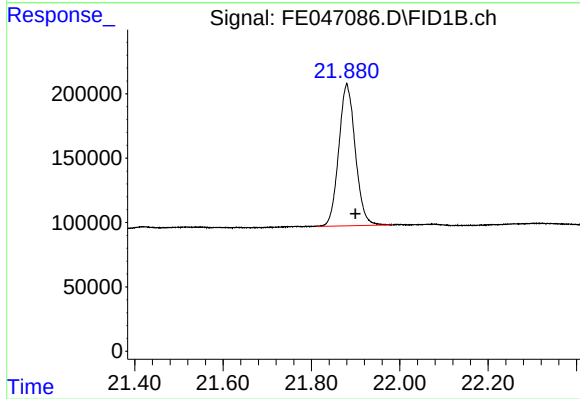
#20 n-Hexatriacontane (C36)

R.T.: 20.294 min  
Delta R.T.: -0.009 min  
Response: 2751118  
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min  
Delta R.T.: -0.014 min  
Response: 2838083  
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.880 min  
Delta R.T.: -0.020 min  
Response: 2864181  
Conc: 20.30 ug/ml