

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012924AL\
 Data File : FE046446.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2024 15:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 00:52:46 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

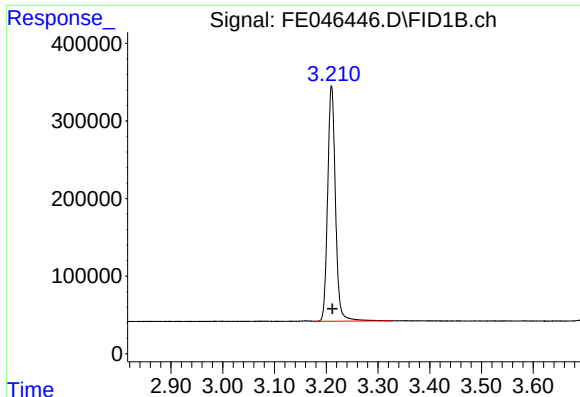
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.823	3514727	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.266	2660582	18.700 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.210	3187465	19.733 ug/ml
2) T n-Decane (C10)	4.461	3254844	19.860 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3420987	20.006 ug/ml
4) T n-Dodecane (C12)	6.628	3299179	19.945 ug/ml
5) T A~2-methylnaphthalene...	7.261	3266925	20.483 ug/ml
6) T n-Tetradecane (C14)	8.454	3241751	19.779 ug/ml
7) T n-Hexadecane (C16)	10.064	3329811	19.486 ug/ml
8) T n-Octadecane (C18)	11.508	3350329	19.217 ug/ml
10) T n-Eicosane (C20)	12.820	3196228	18.825 ug/ml
11) T n-Heneicosane (C21)	13.432	3115151	18.677 ug/ml
13) T n-Docosane (C22)	14.020	3079800	18.590 ug/ml
14) T n-Tetracosane (C24)	15.125	3042221	18.437 ug/ml
15) T n-Hexacosane (C26)	16.147	2954885	18.308 ug/ml
16) T n-Octacosane (C28)	17.100	2893496	18.432 ug/ml
17) T n-Tricontane (C30)	17.990	2917321	18.625 ug/ml
18) T n-Dotriacontane (C32)	18.825	2992430	19.796 ug/ml
19) T n-Tetratriacontane (C34)	19.610	2673314	18.848 ug/ml
20) T n-Hexatriacontane (C36)	20.353	2425125	17.594 ug/ml
21) T n-Octatriacontane (C38)	21.082	2498536	19.490 ug/ml
22) T n-Tetracontane (C40)	21.974	3037011	24.289 ug/ml

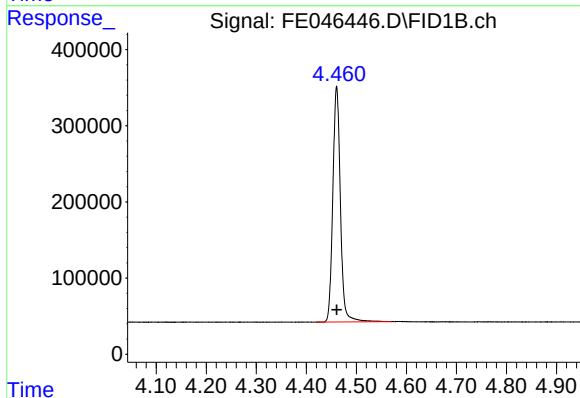
(f)=RT Delta > 1/2 Window

(m)=manual int.



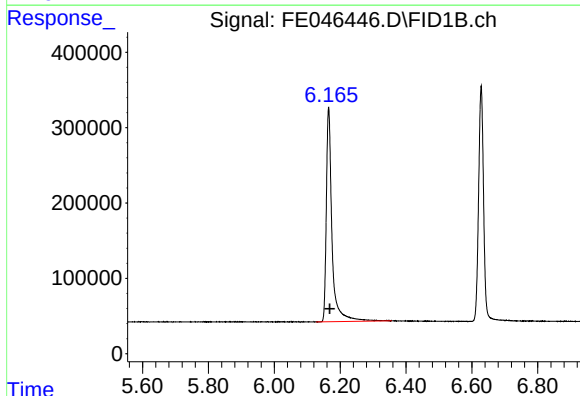
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.002 min
Response: 3187465
Conc: 19.73 ug/ml



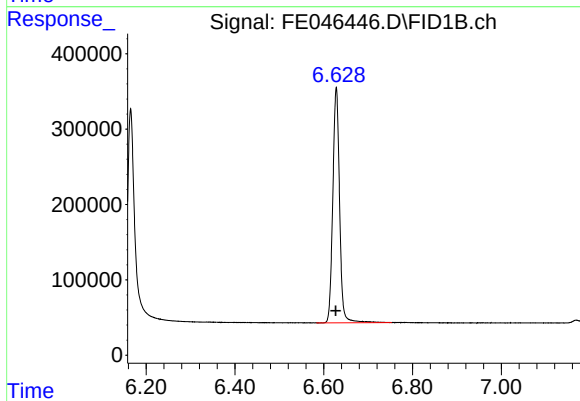
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 3254844
Conc: 19.86 ug/ml



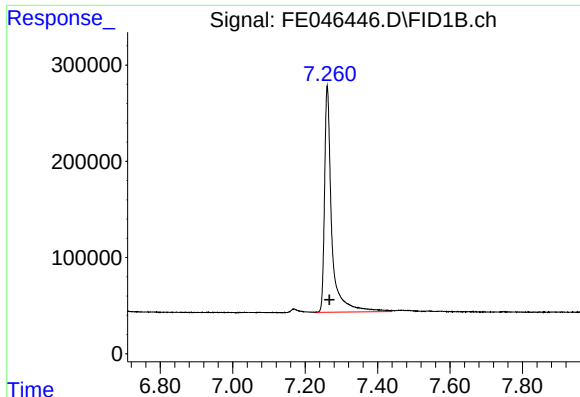
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 3420987
Conc: 20.01 ug/ml



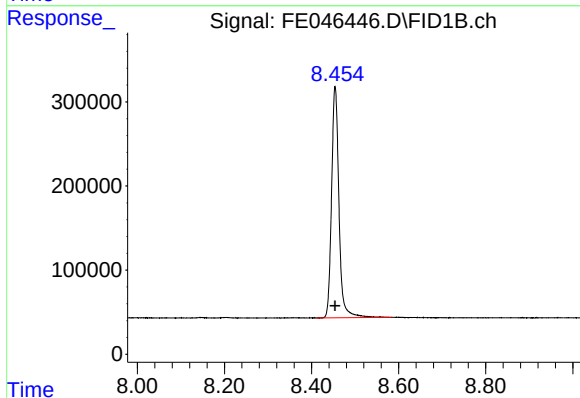
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 3299179
Conc: 19.95 ug/ml



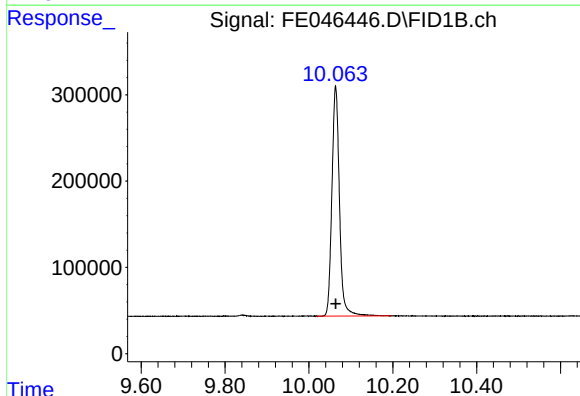
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.006 min
Response: 3266925
Conc: 20.48 ug/ml



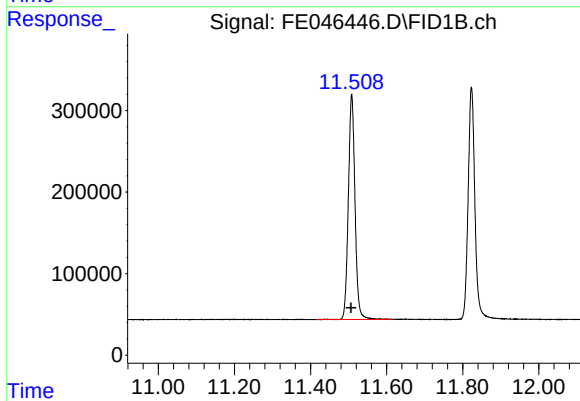
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 3241751
Conc: 19.78 ug/ml



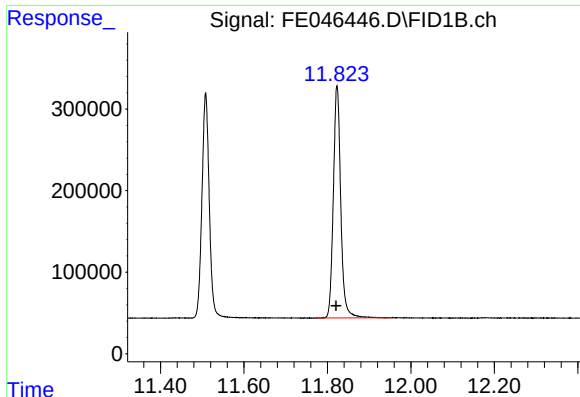
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 3329811
Conc: 19.49 ug/ml



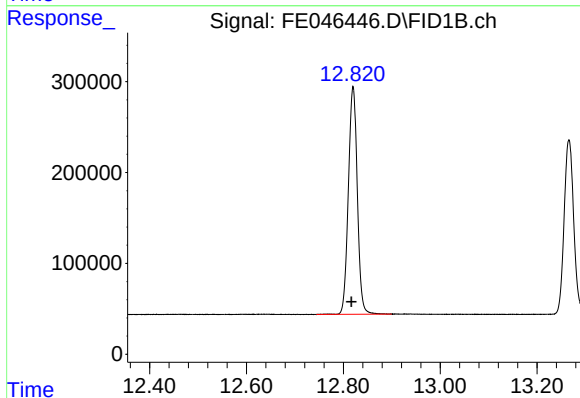
#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: 0.002 min
Response: 3350329
Conc: 19.22 ug/ml



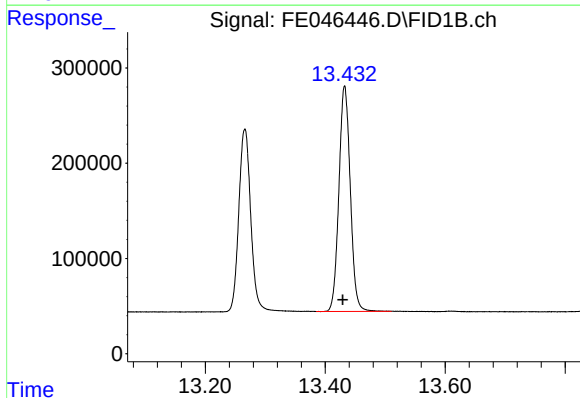
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: 0.003 min
Response: 3514727
Conc: 19.01 ug/ml



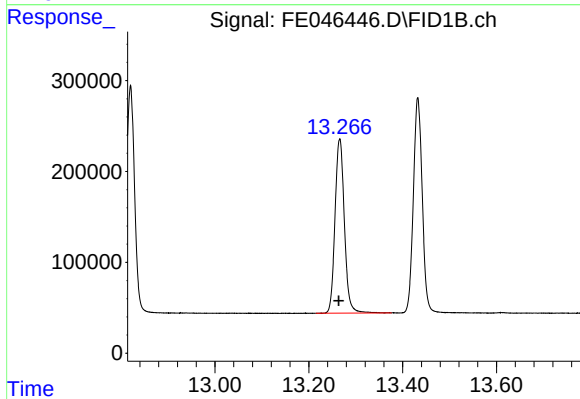
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.003 min
Response: 3196228
Conc: 18.83 ug/ml



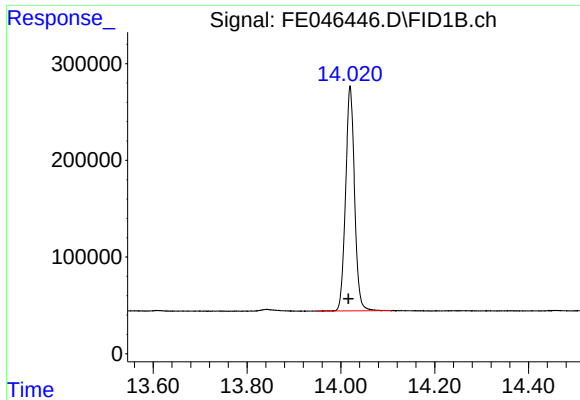
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: 0.003 min
Response: 3115151
Conc: 18.68 ug/ml



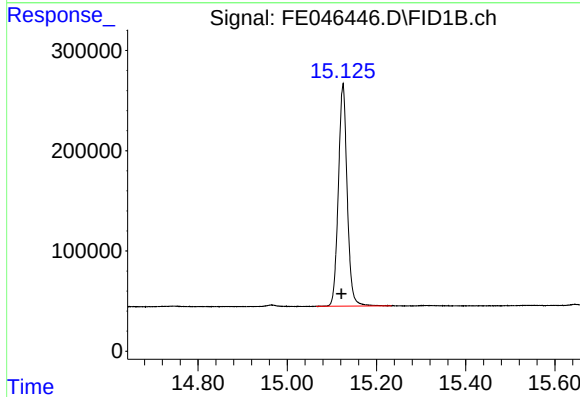
#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: 0.002 min
Response: 2660582
Conc: 18.70 ug/ml



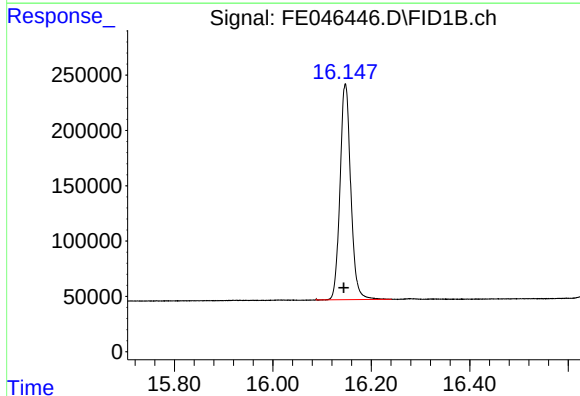
#13 n-Docosane (C22)

R.T.: 14.020 min
Delta R.T.: 0.004 min
Response: 3079800
Conc: 18.59 ug/ml



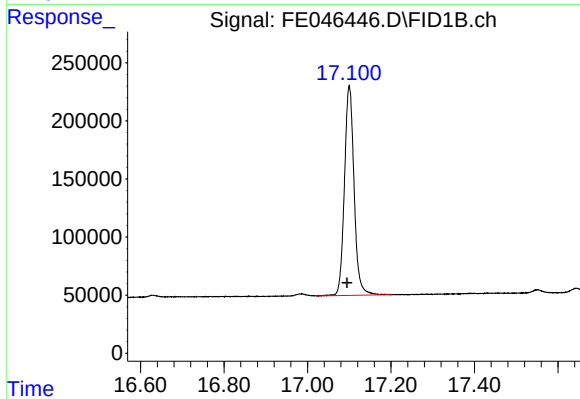
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: 0.004 min
Response: 3042221
Conc: 18.44 ug/ml



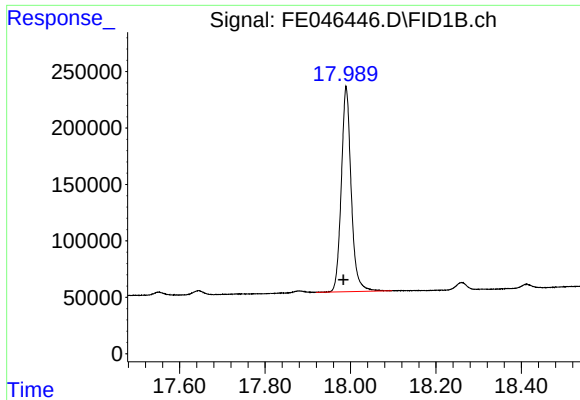
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: 0.003 min
Response: 2954885
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: 0.005 min
Response: 2893496
Conc: 18.43 ug/ml



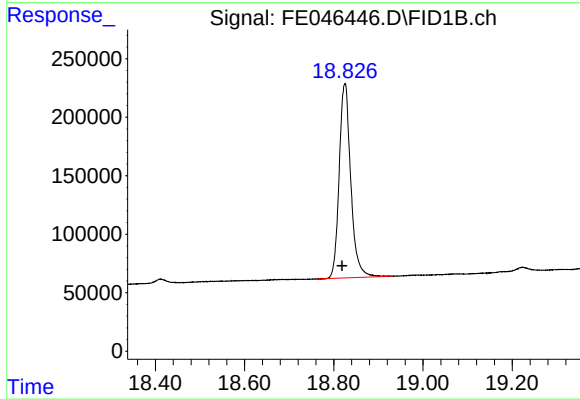
#17 n-Tricontane (C30)

R.T.: 17.990 min

Delta R.T.: 0.006 min

Response: 2917321

Conc: 18.63 ug/ml



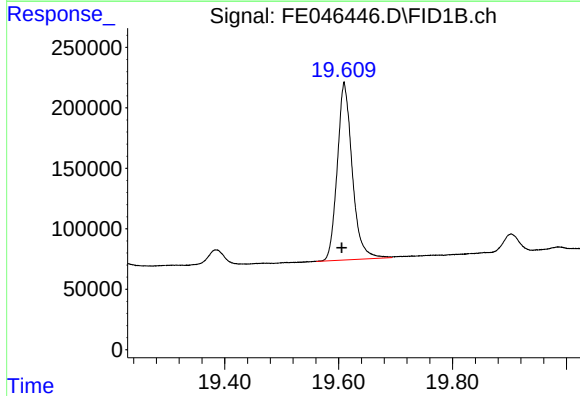
#18 n-Dotriacontane (C32)

R.T.: 18.825 min

Delta R.T.: 0.007 min

Response: 2992430

Conc: 19.80 ug/ml



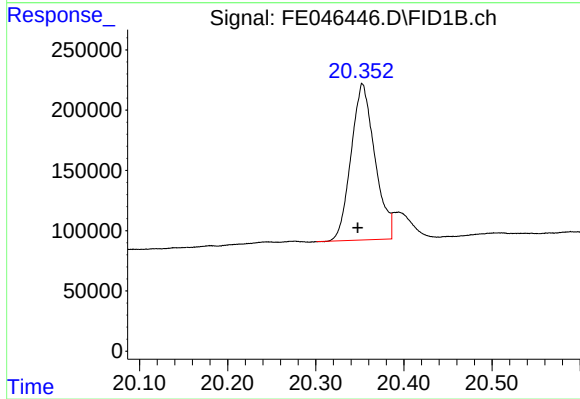
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min

Delta R.T.: 0.004 min

Response: 2673314

Conc: 18.85 ug/ml



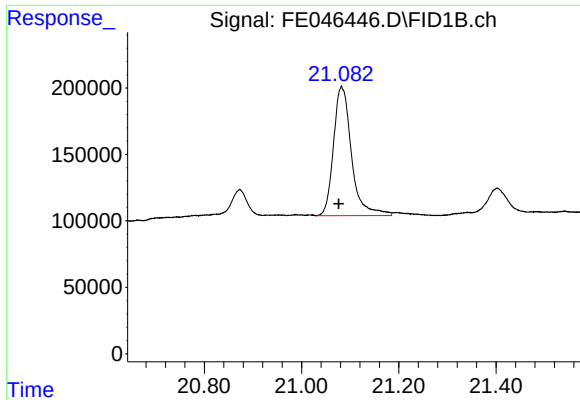
#20 n-Hexatriacontane (C36)

R.T.: 20.353 min

Delta R.T.: 0.005 min

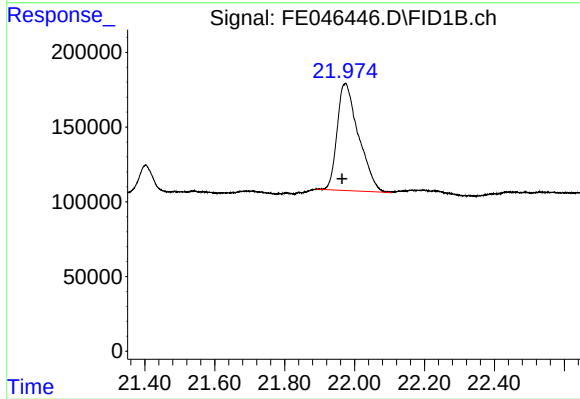
Response: 2425125

Conc: 17.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: 0.006 min
Response: 2498536
Conc: 19.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.010 min
Response: 3037011
Conc: 24.29 ug/ml