

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022124AL\
 Data File : FE046872.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2024 13:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 00:46:09 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

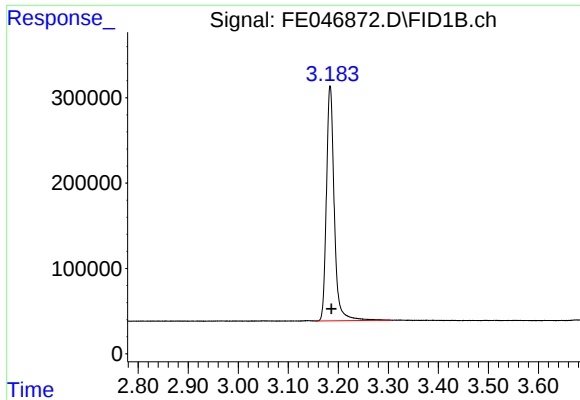
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.790	3187589	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	13.231	2408771	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.184	3003038	19.693 ug/ml
2) T n-Decane (C10)	4.434	3053911	19.718 ug/ml
3) T A~Naphthalene (C11.7)	6.139	3046335	19.342 ug/ml
4) T n-Dodecane (C12)	6.602	3062036	19.694 ug/ml
5) T A~2-methylnaphthalene...	7.237	2748094	19.164 ug/ml
6) T n-Tetradecane (C14)	8.427	3020769	19.590 ug/ml
7) T n-Hexadecane (C16)	10.035	3083078	19.431 ug/ml
8) T n-Octadecane (C18)	11.477	3119744	19.570 ug/ml
10) T n-Eicosane (C20)	12.786	2949039	19.483 ug/ml
11) T n-Heneicosane (C21)	13.397	2881639	19.460 ug/ml
13) T n-Docosane (C22)	13.983	2835116	19.486 ug/ml
14) T n-Tetracosane (C24)	15.086	2787367	19.517 ug/ml
15) T n-Hexacosane (C26)	16.107	2720246	19.466 ug/ml
16) T n-Octacosane (C28)	17.057	2636072	19.349 ug/ml
17) T n-Tricontane (C30)	17.945	2692723	19.300 ug/ml
18) T n-Dotriacontane (C32)	18.777	2648981	19.251 ug/ml
19) T n-Tetratriacontane (C34)	19.562	2588164	19.266 ug/ml
20) T n-Hexatriacontane (C36)	20.303	2578456	19.363 ug/ml
21) T n-Octatriacontane (C38)	21.023	2661820	19.319 ug/ml
22) T n-Tetracontane (C40)	21.895	2744242	19.450 ug/ml

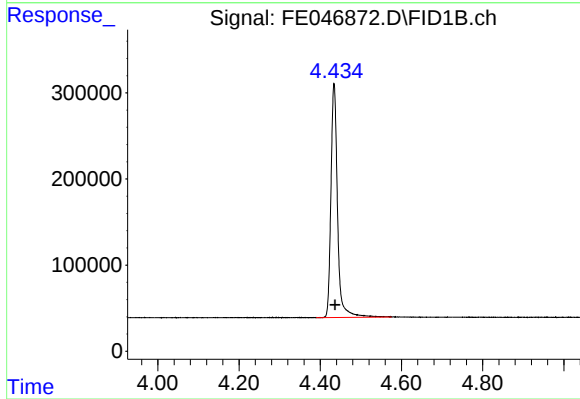
(f)=RT Delta > 1/2 Window

(m)=manual int.



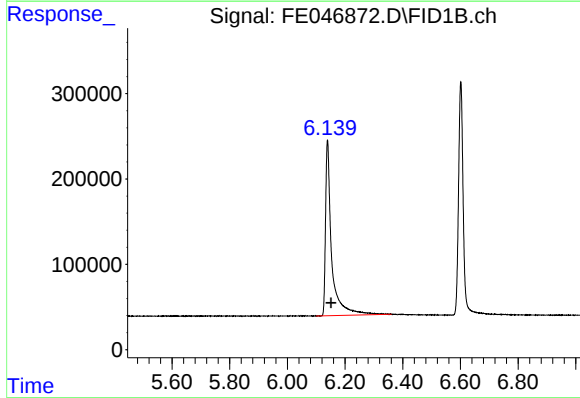
#1 n-Nonane (C9)

R.T.: 3.184 min
Delta R.T.: -0.002 min
Response: 3003038
Conc: 19.69 ug/ml



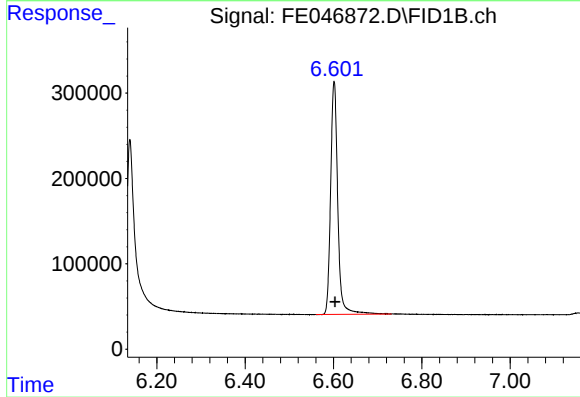
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 3053911
Conc: 19.72 ug/ml



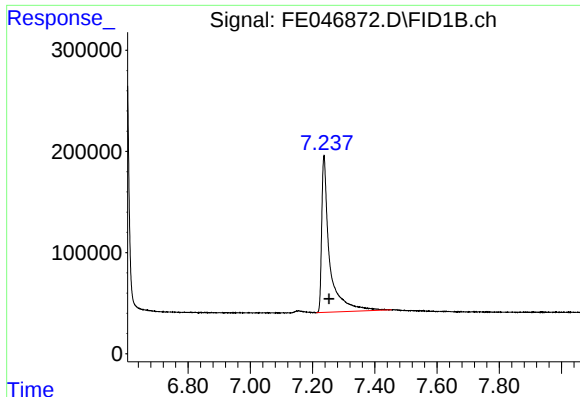
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.012 min
Response: 3046335
Conc: 19.34 ug/ml



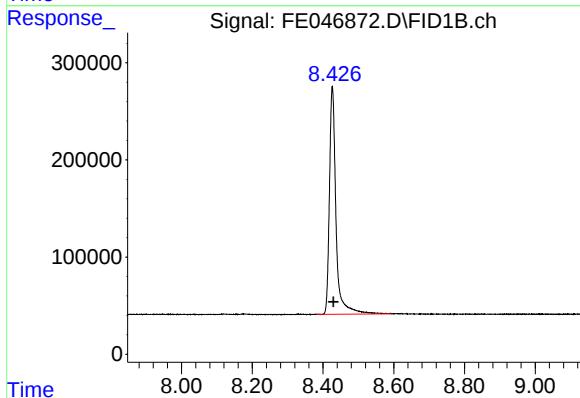
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 3062036
Conc: 19.69 ug/ml



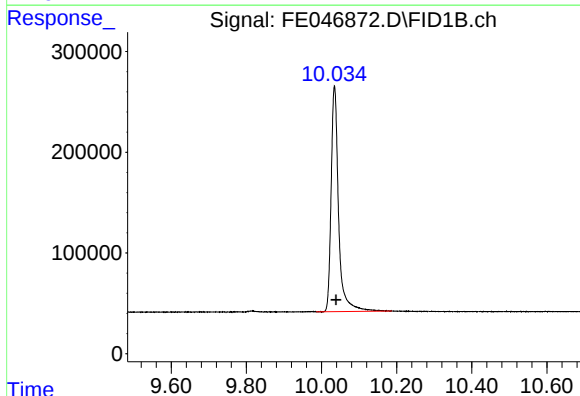
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 2748094
Conc: 19.16 ug/ml



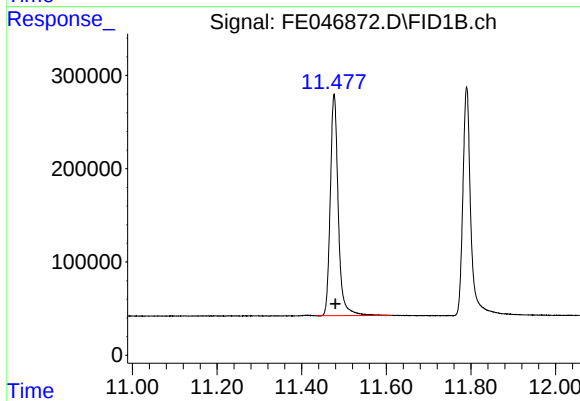
#6 n-Tetradecane (C14)

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 3020769
Conc: 19.59 ug/ml



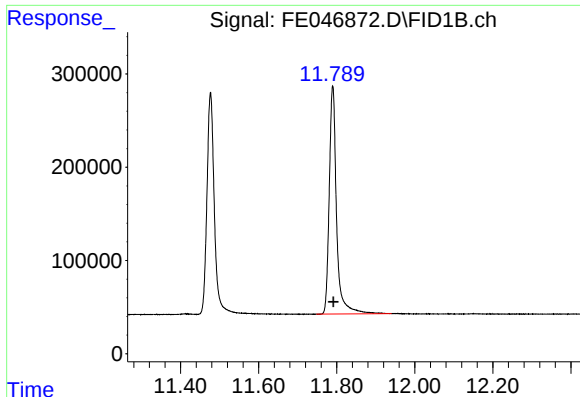
#7 n-Hexadecane (C16)

R.T.: 10.035 min
Delta R.T.: -0.004 min
Response: 3083078
Conc: 19.43 ug/ml



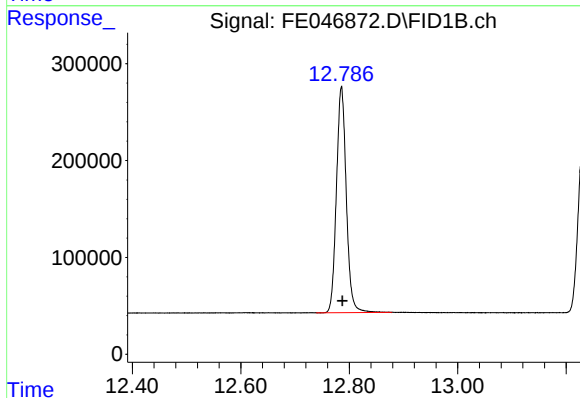
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.003 min
Response: 3119744
Conc: 19.57 ug/ml



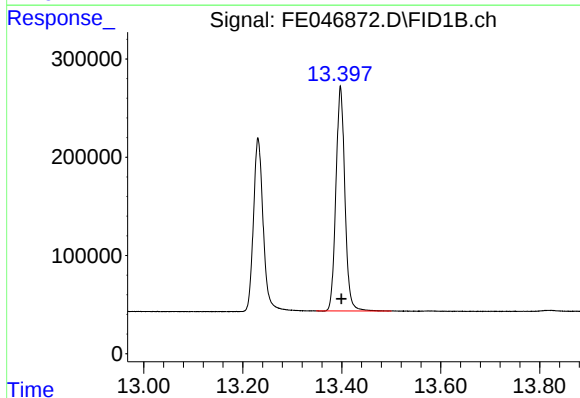
#9 ortho-Terphenyl (SURR)

R.T.: 11.790 min
Delta R.T.: -0.002 min
Response: 3187589
Conc: 19.40 ug/ml



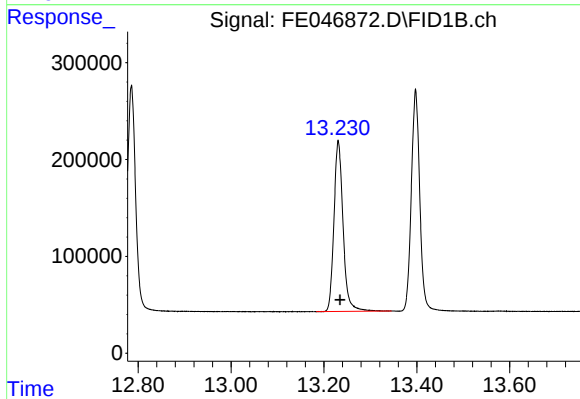
#10 n-Eicosane (C20)

R.T.: 12.786 min
Delta R.T.: -0.002 min
Response: 2949039
Conc: 19.48 ug/ml



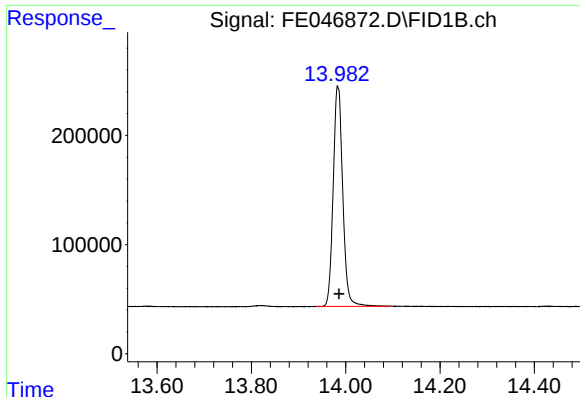
#11 n-Heneicosane (C21)

R.T.: 13.397 min
Delta R.T.: -0.002 min
Response: 2881639
Conc: 19.46 ug/ml



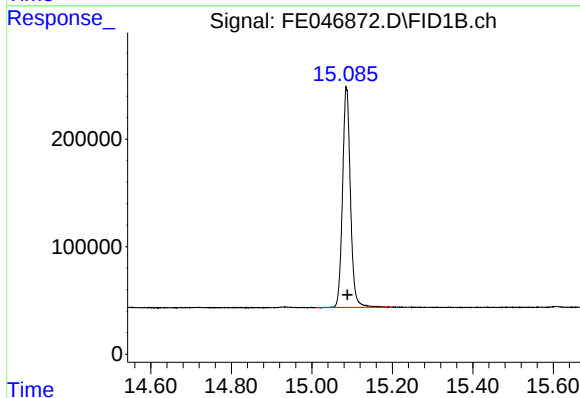
#12 1-chlorooctadecane (SURR)

R.T.: 13.231 min
Delta R.T.: -0.004 min
Response: 2408771
Conc: 19.57 ug/ml



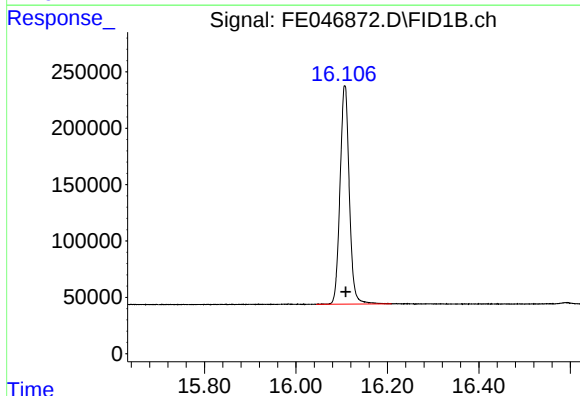
#13 n-Docosane (C22)

R.T.: 13.983 min
Delta R.T.: -0.003 min
Response: 2835116
Conc: 19.49 ug/ml



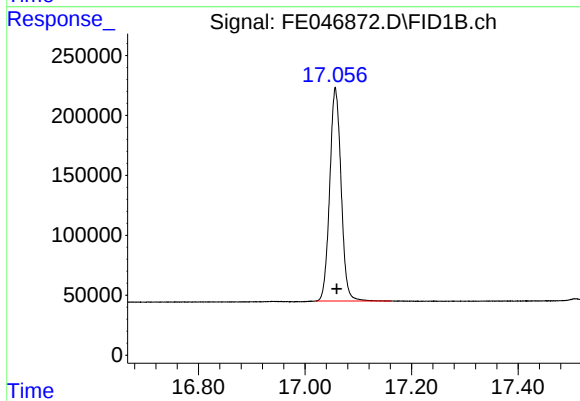
#14 n-Tetracosane (C24)

R.T.: 15.086 min
Delta R.T.: -0.003 min
Response: 2787367
Conc: 19.52 ug/ml



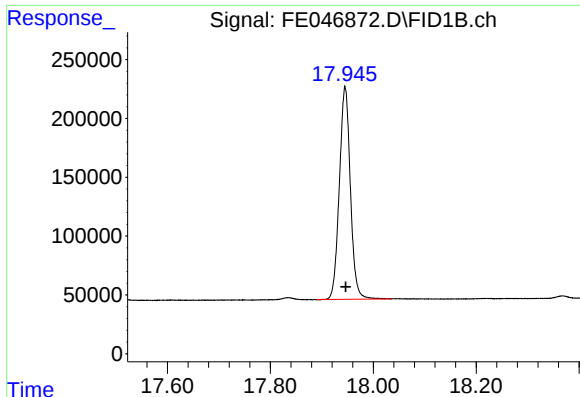
#15 n-Hexacosane (C26)

R.T.: 16.107 min
Delta R.T.: -0.002 min
Response: 2720246
Conc: 19.47 ug/ml



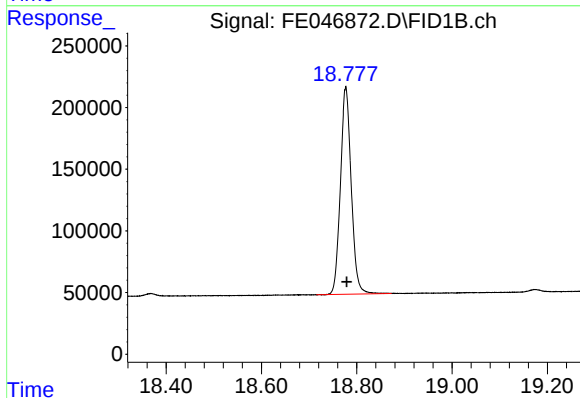
#16 n-Octacosane (C28)

R.T.: 17.057 min
Delta R.T.: -0.002 min
Response: 2636072
Conc: 19.35 ug/ml



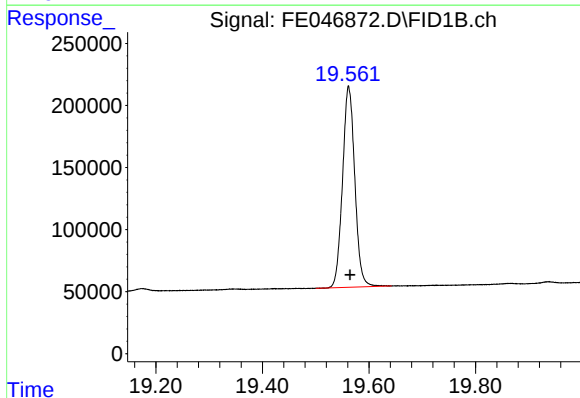
#17 n-Tricontane (C30)

R.T.: 17.945 min
Delta R.T.: -0.001 min
Response: 2692723
Conc: 19.30 ug/ml



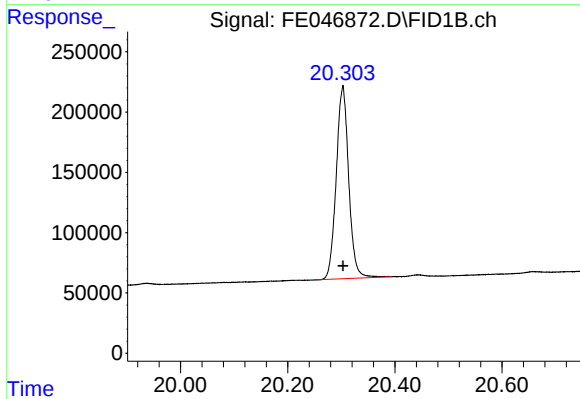
#18 n-Dotriacontane (C32)

R.T.: 18.777 min
Delta R.T.: -0.002 min
Response: 2648981
Conc: 19.25 ug/ml



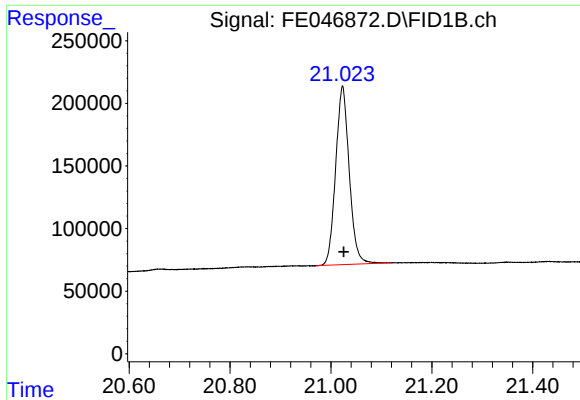
#19 n-Tetratriacontane (C34)

R.T.: 19.562 min
Delta R.T.: -0.003 min
Response: 2588164
Conc: 19.27 ug/ml



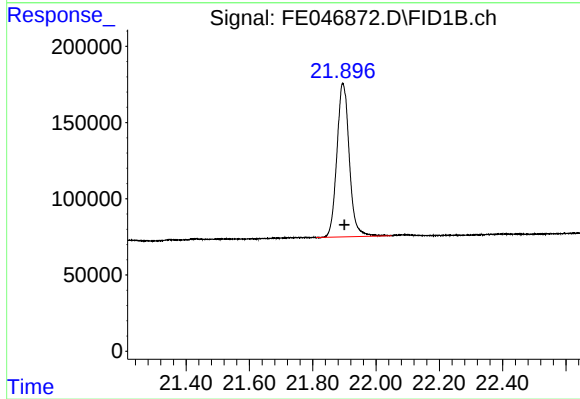
#20 n-Hexatriacontane (C36)

R.T.: 20.303 min
Delta R.T.: 0.000 min
Response: 2578456
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.023 min
Delta R.T.: -0.003 min
Response: 2661820
Conc: 19.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.895 min
Delta R.T.: -0.005 min
Response: 2744242
Conc: 19.45 ug/ml