

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031623AL\
 Data File : FE040827.D
 Signal(s) : FID1B.ch
 Acq On : 16 Mar 2023 09:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 03:05:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 Response via : Initial Calibration
 Integrator: ChemStation

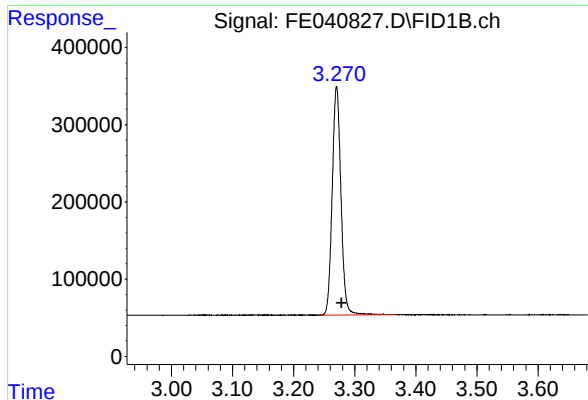
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.874	3395671	18.177 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
12) S 1-chlorooctadecane (S...	13.313	2639366	17.833 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.270	2949611	19.169 ug/ml
2) T n-Decane (C10)	4.517	2967168	19.722 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3247682	19.580 ug/ml
4) T n-Dodecane (C12)	6.682	3022209	19.742 ug/ml
5) T A~2-methylnaphthalene...	7.316	2985798	19.728 ug/ml
6) T n-Tetradecane (C14)	8.509	3079784	19.927 ug/ml
7) T n-Hexadecane (C16)	10.116	3186054	19.725 ug/ml
8) T n-Octadecane (C18)	11.559	3245498	19.114 ug/ml
10) T n-Eicosane (C20)	12.869	3141724	18.572 ug/ml
11) T n-Heneicosane (C21)	13.480	3101161	18.097 ug/ml
13) T n-Docosane (C22)	14.067	3118128	18.201 ug/ml
14) T n-Tetracosane (C24)	15.171	3161402	18.338 ug/ml
15) T n-Hexacosane (C26)	16.192	3137254	18.459 ug/ml
16) T n-Octacosane (C28)	17.145	3277188	19.541 ug/ml
17) T n-Tricontane (C30)	18.033	3562970	21.821 ug/ml
18) T n-Dotriacontane (C32)	18.867	3630694	21.214 ug/ml
19) T n-Tetratriacontane (C34)	19.651	3294593	21.309 ug/ml
20) T n-Hexatriacontane (C36)	20.392	2763610	19.023 ug/ml
21) T n-Octatriacontane (C38)	21.123	2663822	19.379 ug/ml
22) T n-Tetracontane (C40)	22.016	2644703	17.116 ug/ml

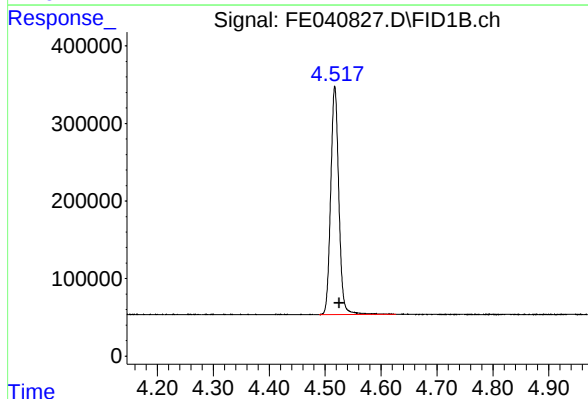
(f)=RT Delta > 1/2 Window

(m)=manual int.



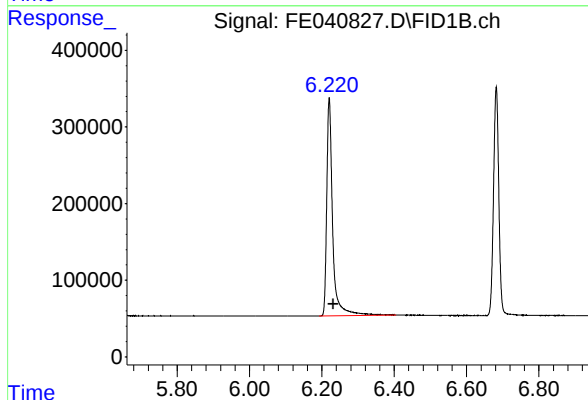
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 2949611
Conc: 19.17 ug/ml



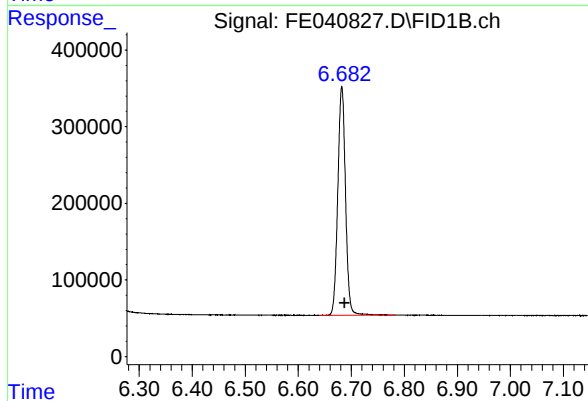
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.008 min
Response: 2967168
Conc: 19.72 ug/ml



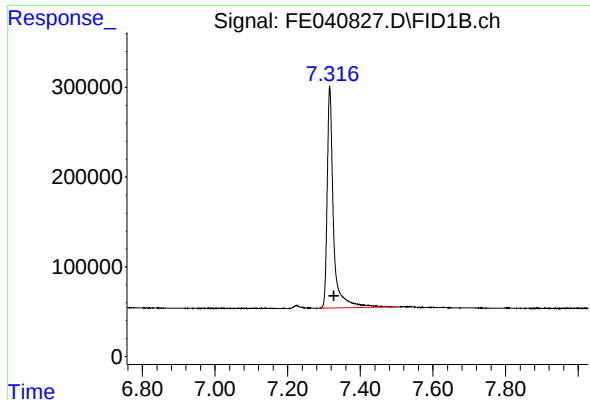
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.011 min
Response: 3247682
Conc: 19.58 ug/ml



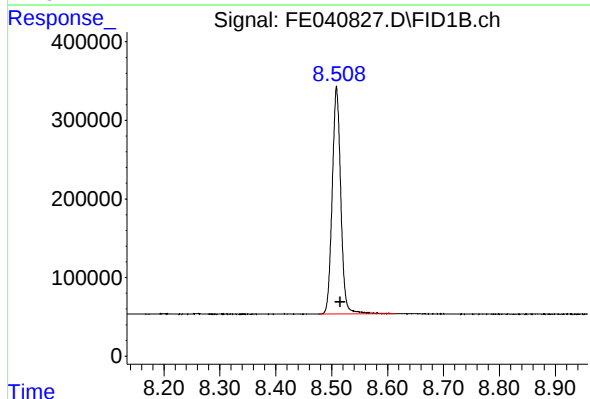
#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: -0.006 min
Response: 3022209
Conc: 19.74 ug/ml



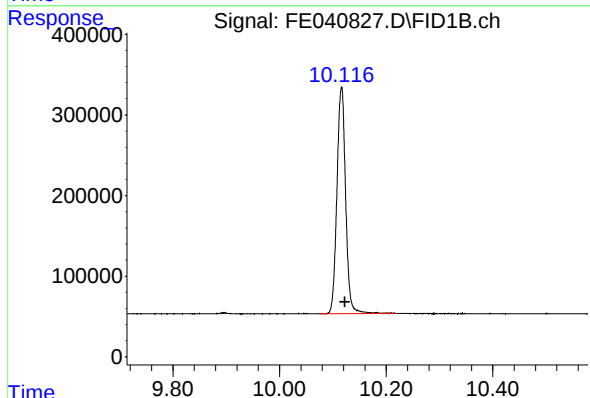
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: -0.012 min
Response: 2985798
Conc: 19.73 ug/ml



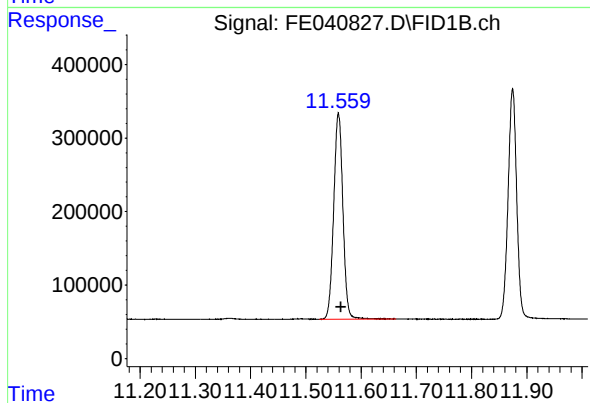
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.006 min
Response: 3079784
Conc: 19.93 ug/ml



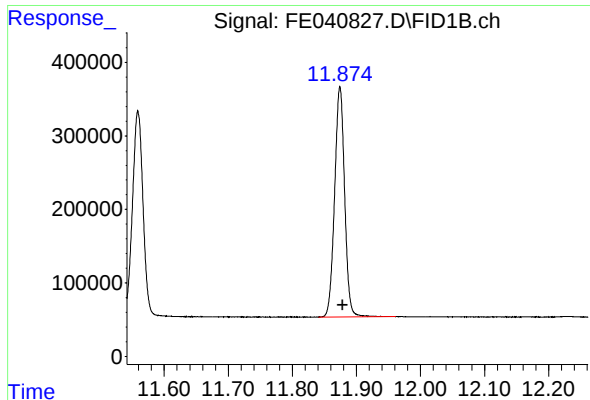
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.006 min
Response: 3186054
Conc: 19.73 ug/ml



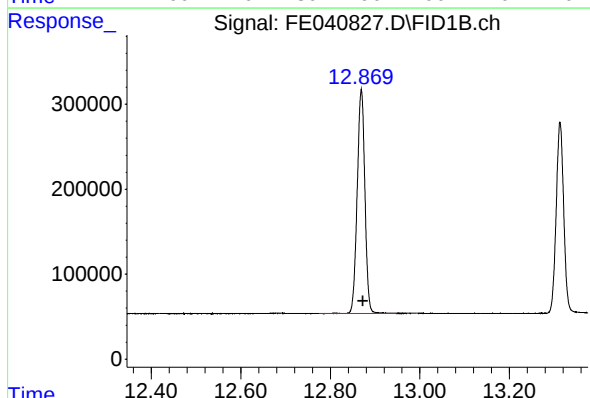
#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.004 min
Response: 3245498
Conc: 19.11 ug/ml



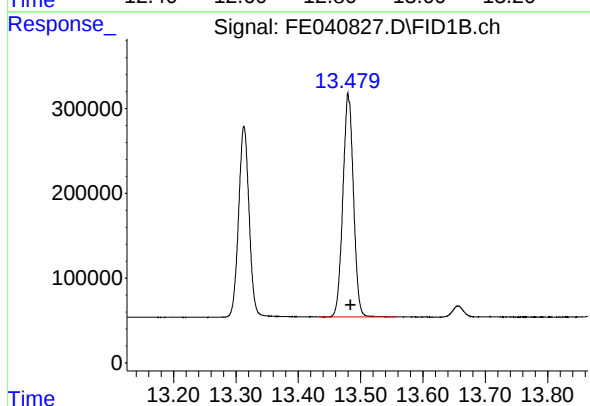
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.004 min
Response: 3395671
Conc: 18.18 ug/ml



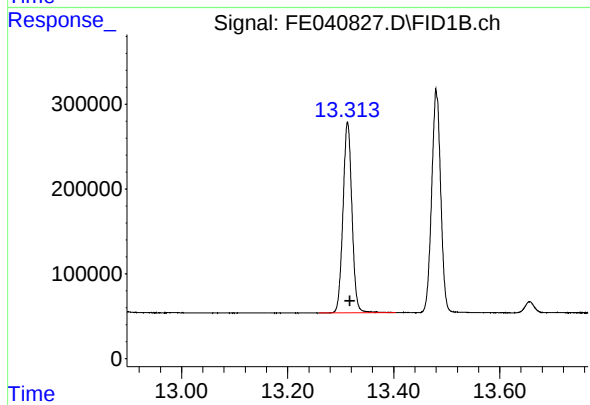
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.003 min
Response: 3141724
Conc: 18.57 ug/ml



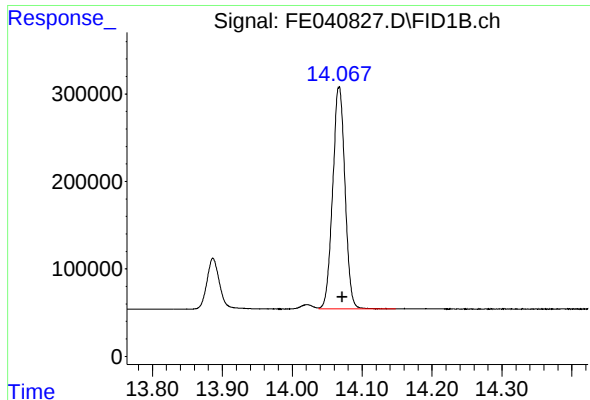
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.004 min
Response: 3101161
Conc: 18.10 ug/ml



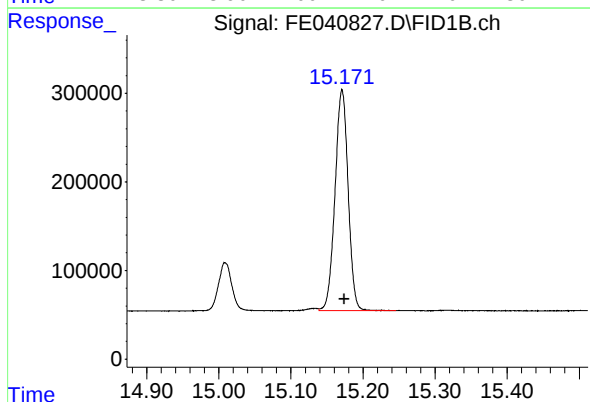
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 2639366
Conc: 17.83 ug/ml



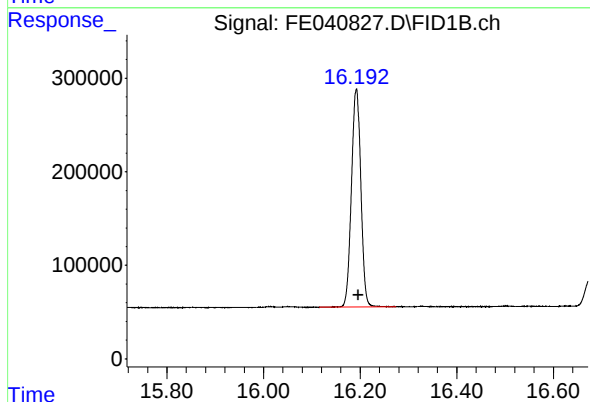
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.005 min
Response: 3118128
Conc: 18.20 ug/ml



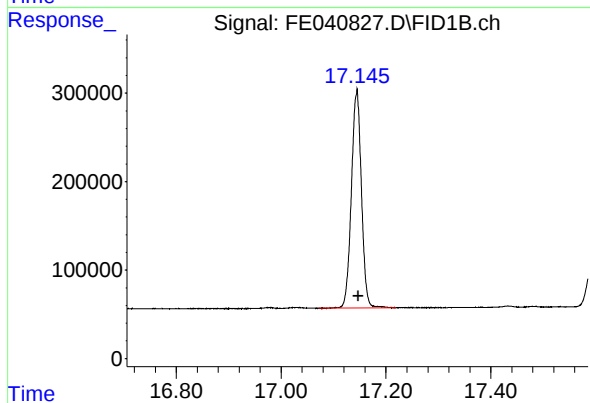
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.003 min
Response: 3161402
Conc: 18.34 ug/ml



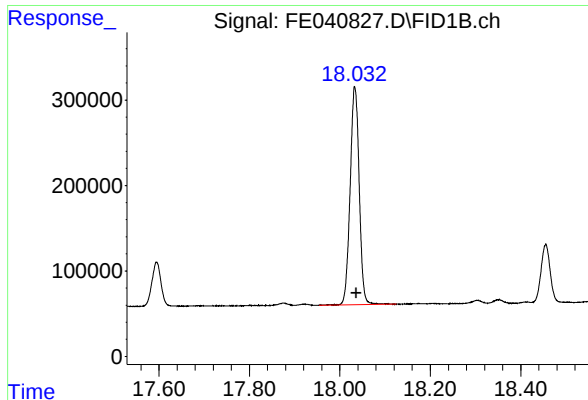
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.004 min
Response: 3137254
Conc: 18.46 ug/ml



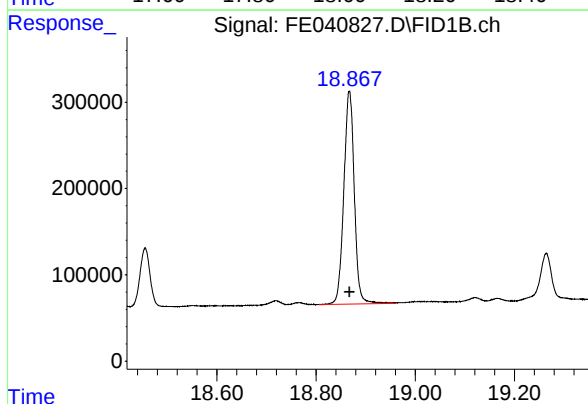
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: -0.003 min
Response: 3277188
Conc: 19.54 ug/ml



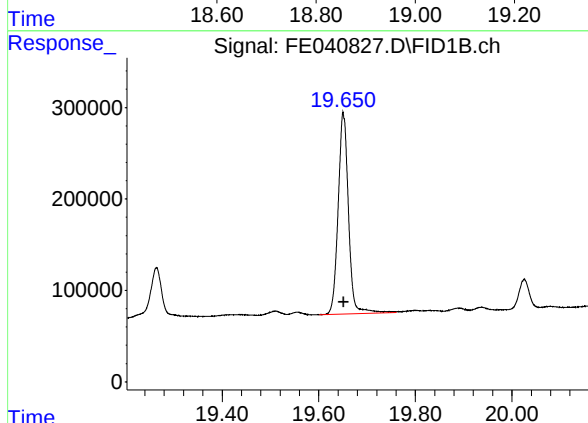
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: -0.003 min
Response: 3562970
Conc: 21.82 ug/ml



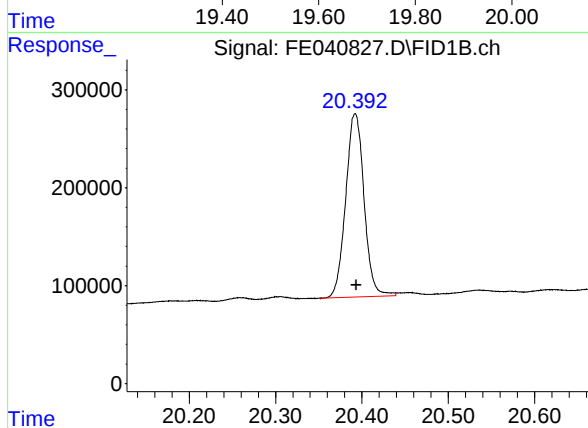
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.001 min
Response: 3630694
Conc: 21.21 ug/ml



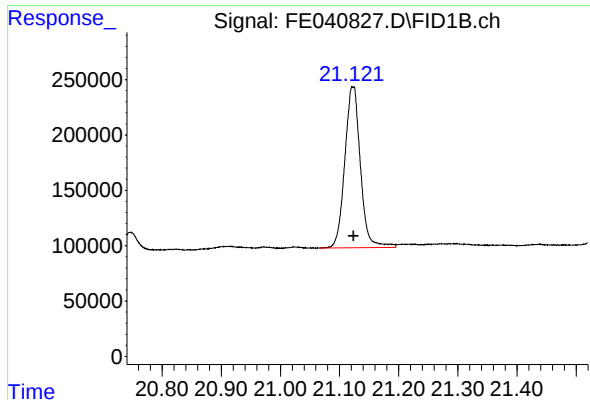
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.001 min
Response: 3294593
Conc: 21.31 ug/ml



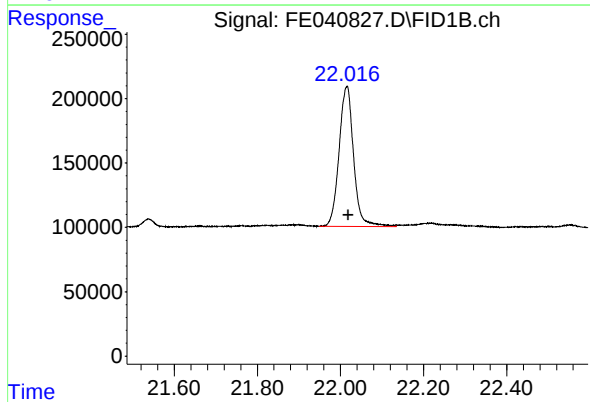
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.001 min
Response: 2763610
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.000 min
Response: 2663822
Conc: 19.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.002 min
Response: 2644703
Conc: 17.12 ug/ml