

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022323AL\
 Data File : FC062987.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2023 07:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 07:37:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

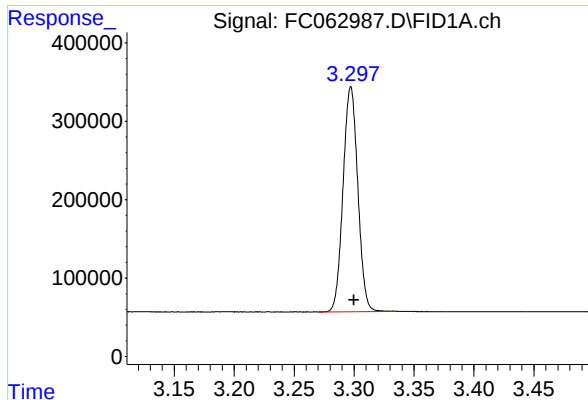
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.539	2631755	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.977	2005191	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T n-Nonane (C9)	3.297	2454808	20.706 ug/ml
2) T n-Decane (C10)	4.365	2400366	20.816 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2680134	20.957 ug/ml
4) T n-Dodecane (C12)	6.385	2396798	20.756 ug/ml
5) T A~2-methylnaphthalene...	7.007	2488891	21.145 ug/ml
6) T n-Tetradecane (C14)	8.181	2357468	20.859 ug/ml
7) T n-Hexadecane (C16)	9.782	2382832	20.714 ug/ml
8) T n-Octadecane (C18)	11.225	2387722	20.500 ug/ml
10) T n-Eicosane (C20)	12.534	2323224	20.389 ug/ml
11) T n-Heneicosane (C21)	13.145	2324023	20.392 ug/ml
13) T n-Docosane (C22)	13.732	2292715	20.329 ug/ml
14) T n-Tetracosane (C24)	14.834	2281788	20.361 ug/ml
15) T n-Hexacosane (C26)	15.853	2257724	20.415 ug/ml
16) T n-Octacosane (C28)	16.801	2260416	20.543 ug/ml
17) T n-Tricontane (C30)	17.686	2308770	20.965 ug/ml
18) T n-Dotriacontane (C32)	18.517	2445917	21.916 ug/ml
19) T n-Tetratriacontane (C34)	19.301	2376224	21.261 ug/ml
20) T n-Hexatriacontane (C36)	20.040	2232906	20.569 ug/ml
21) T n-Octatriacontane (C38)	20.768	2302948	21.193 ug/ml
22) T n-Tetracontane (C40)	21.667	2381180	21.887 ug/ml

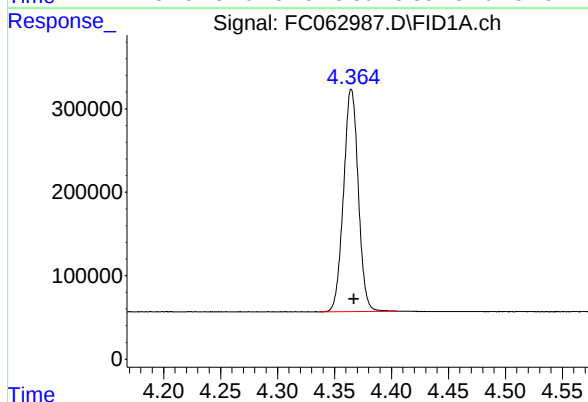
(f)=RT Delta > 1/2 Window

(m)=manual int.



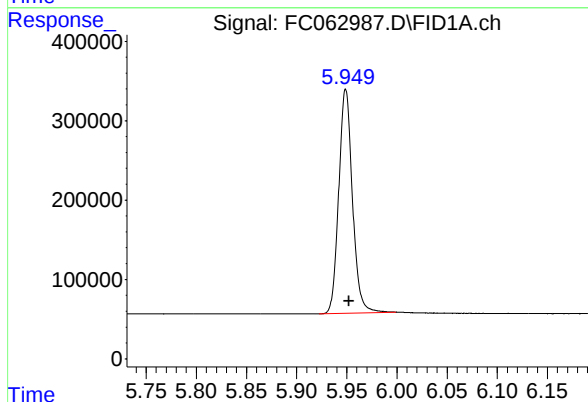
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 2454808
Conc: 20.71 ug/ml



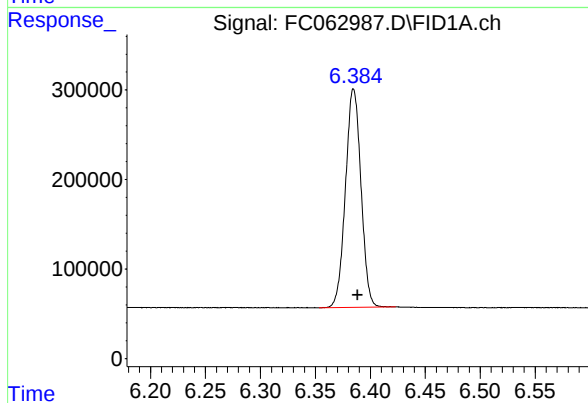
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 2400366
Conc: 20.82 ug/ml



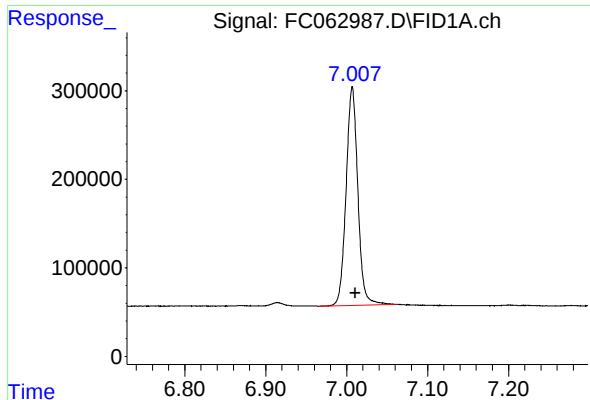
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 2680134
Conc: 20.96 ug/ml



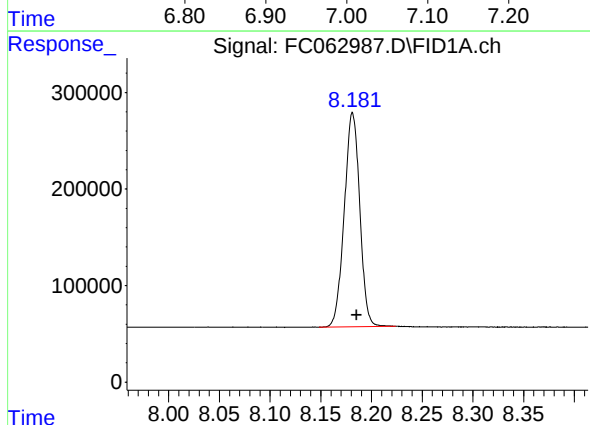
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2396798
Conc: 20.76 ug/ml



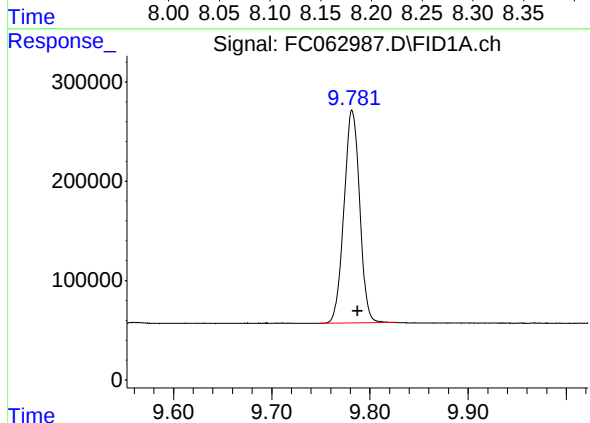
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 2488891
Conc: 21.15 ug/ml



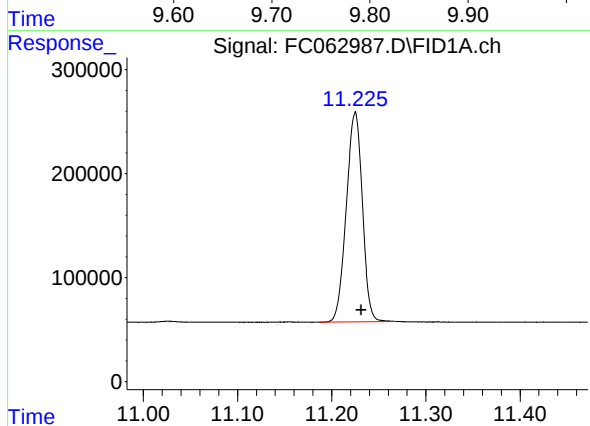
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 2357468
Conc: 20.86 ug/ml



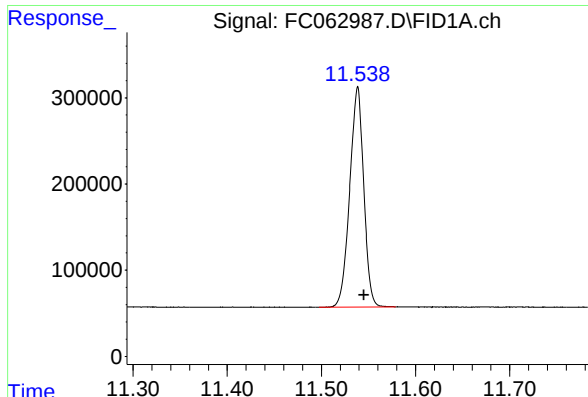
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.006 min
Response: 2382832
Conc: 20.71 ug/ml



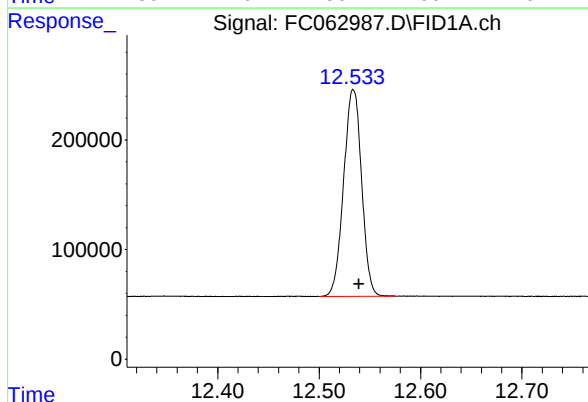
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.006 min
Response: 2387722
Conc: 20.50 ug/ml



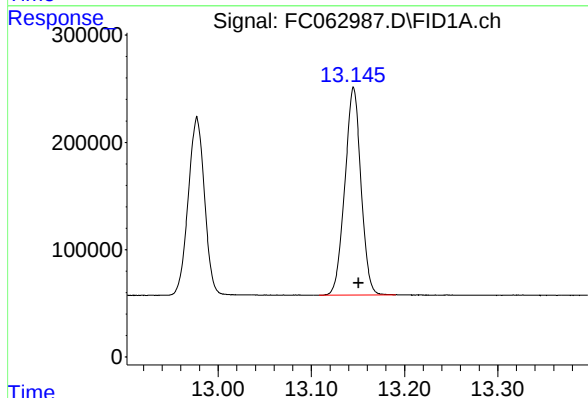
#9 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.007 min
Response: 2631755
Conc: 20.28 ug/ml



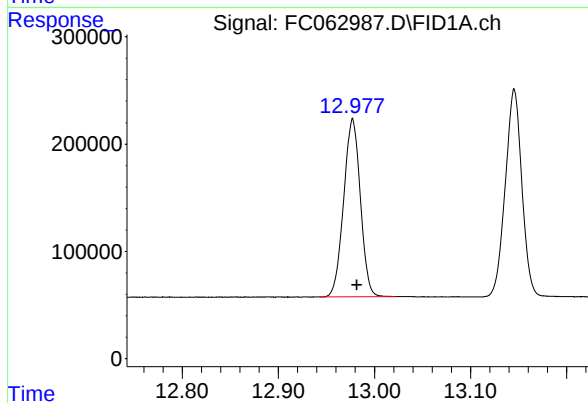
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.005 min
Response: 2323224
Conc: 20.39 ug/ml



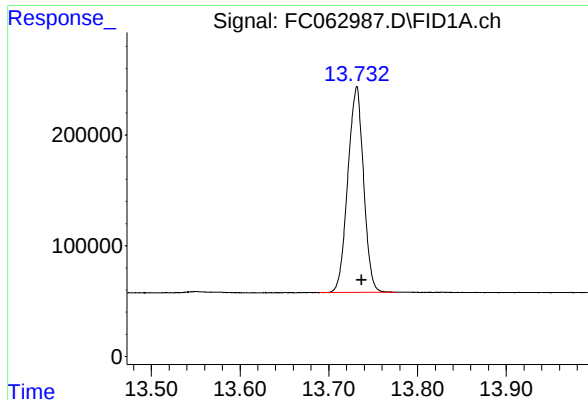
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.006 min
Response: 2324023
Conc: 20.39 ug/ml



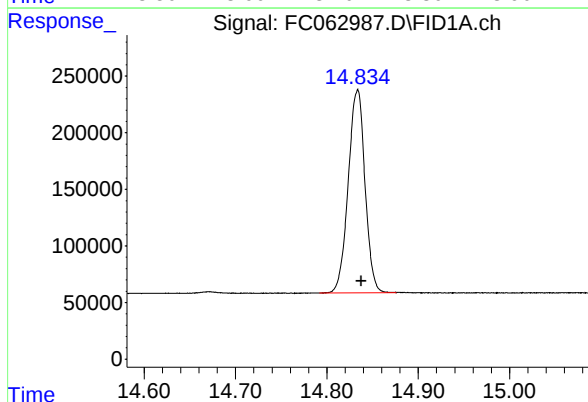
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: -0.004 min
Response: 2005191
Conc: 20.56 ug/ml



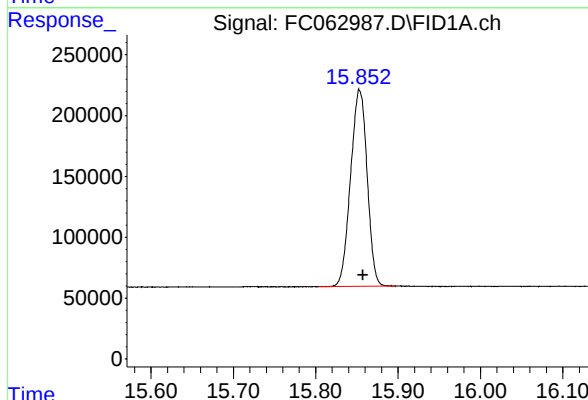
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.005 min
Response: 2292715
Conc: 20.33 ug/ml



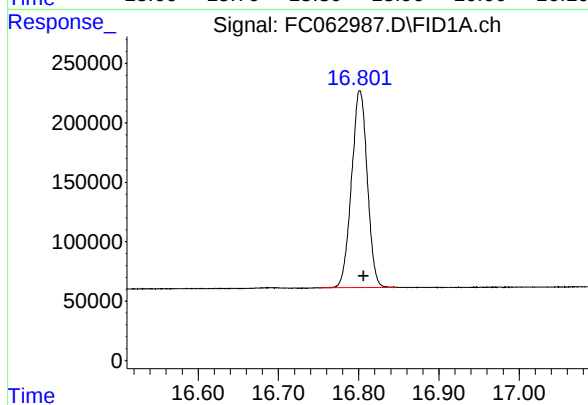
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.004 min
Response: 2281788
Conc: 20.36 ug/ml



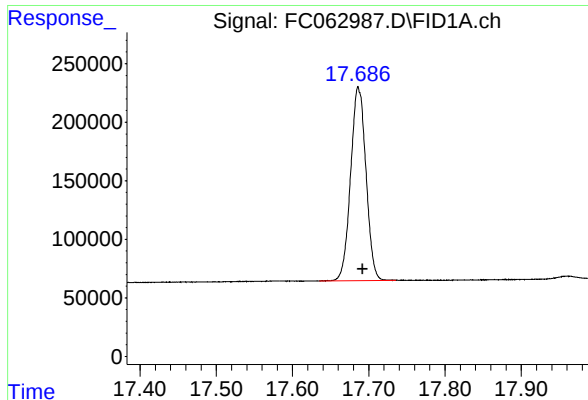
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.004 min
Response: 2257724
Conc: 20.42 ug/ml



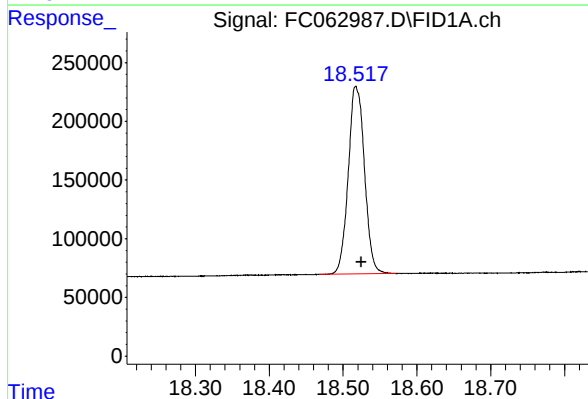
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.005 min
Response: 2260416
Conc: 20.54 ug/ml



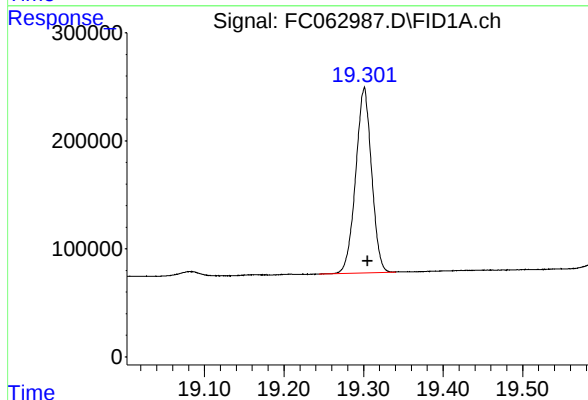
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2308770
Conc: 20.97 ug/ml



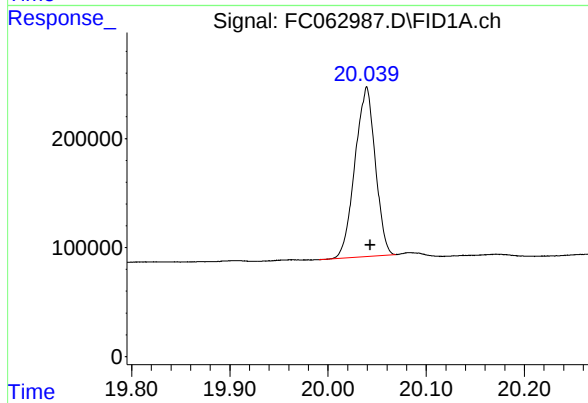
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.008 min
Response: 2445917
Conc: 21.92 ug/ml



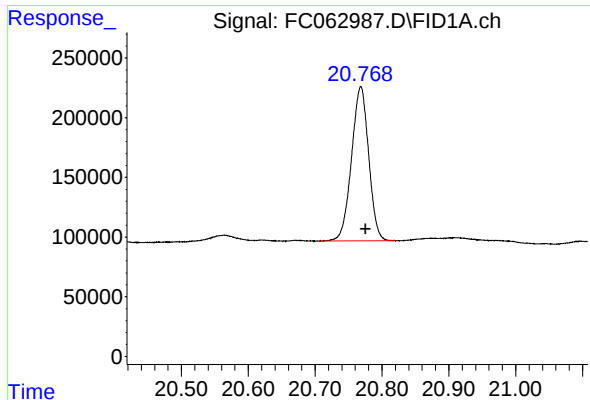
#19 n-Tetatriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.004 min
Response: 2376224
Conc: 21.26 ug/ml



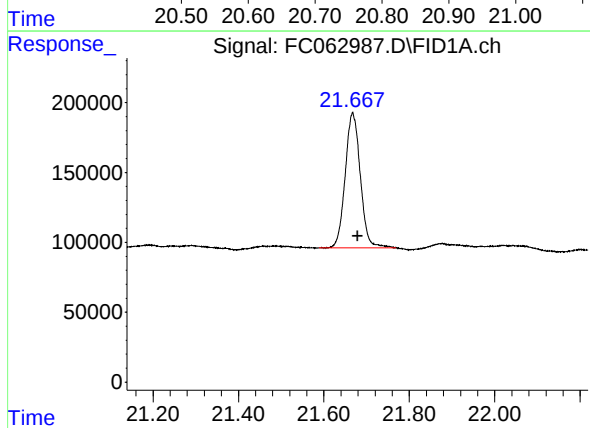
#20 n-Hexatriacontane (C36)

R.T.: 20.040 min
Delta R.T.: -0.003 min
Response: 2232906
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: -0.007 min
Response: 2302948
Conc: 21.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.012 min
Response: 2381180
Conc: 21.89 ug/ml