

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042022AL\
 Data File : FC059320.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2022 13:59
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 21 01:40:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

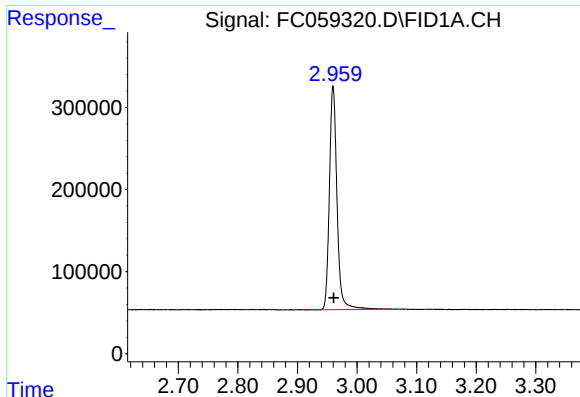
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.099	2654596	18.424 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	12.547	2070979	18.475 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	2.960	2416975	19.723 ug/ml
2) T n-Decane (C10)	4.003	2429639	19.827 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2422879	19.297 ug/ml
4) T n-Dodecane (C12)	6.001	2519248	19.724 ug/ml
5) T A~2-methylnaphthalene...	6.600	2435808	19.000 ug/ml
6) T n-Tetradecane (C14)	7.784	2512702	19.325 ug/ml
7) T n-Hexadecane (C16)	9.374	2505199	18.866 ug/ml
8) T n-Octadecane (C18)	10.808	2502257	18.820 ug/ml
10) T n-Eicosane (C20)	12.110	2432044	18.562 ug/ml
11) T n-Heneicosane (C21)	12.718	2420571	18.551 ug/ml
13) T n-Docosane (C22)	13.302	2405922	18.572 ug/ml
14) T n-Tetracosane (C24)	14.400	2378276	18.827 ug/ml
15) T n-Hexacosane (C26)	15.417	2324239	19.242 ug/ml
16) T n-Octacosane (C28)	16.361	2402825	20.292 ug/ml
17) T n-Tricontane (C30)	17.246	2484203	21.777 ug/ml
18) T n-Dotriacontane (C32)	18.077	2428042	22.664 ug/ml
19) T n-Tetratriacontane (C34)	18.856	2257106	22.339 ug/ml
20) T n-Hexatriacontane (C36)	19.595	2064429	21.606 ug/ml
21) T n-Octatriacontane (C38)	20.292	1921031	20.876 ug/ml
22) T n-Tetracontane (C40)	21.037	1891596	20.353 ug/ml

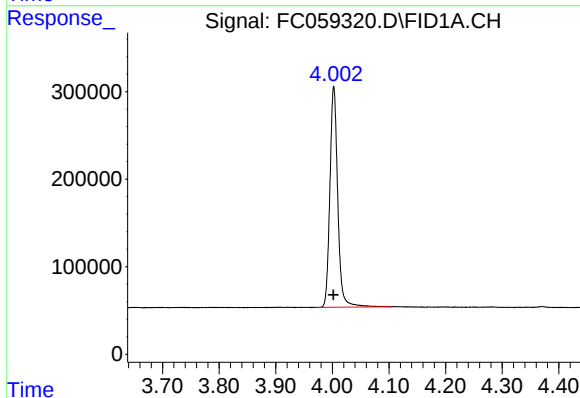
(f)=RT Delta > 1/2 Window

(m)=manual int.



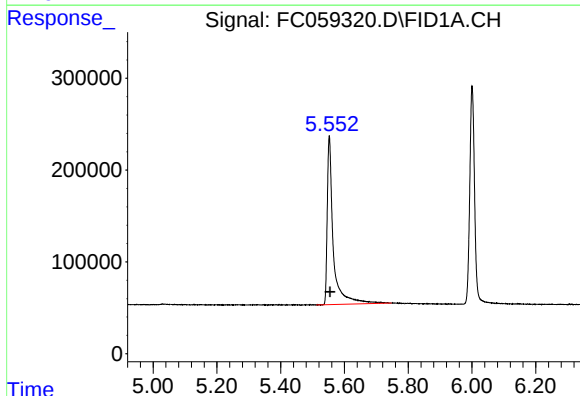
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 2416975
Conc: 19.72 ug/ml



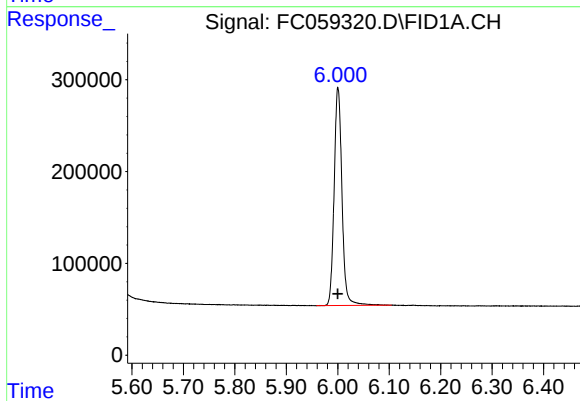
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2429639
Conc: 19.83 ug/ml



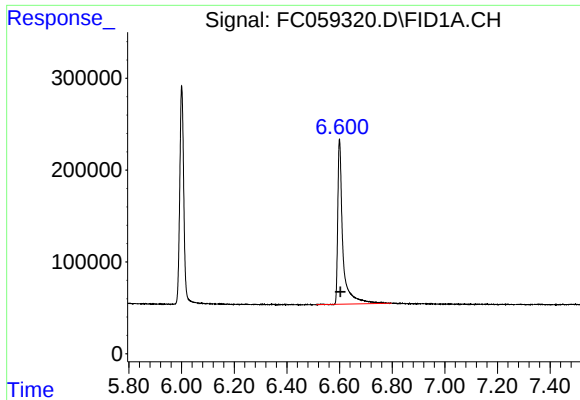
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 2422879
Conc: 19.30 ug/ml



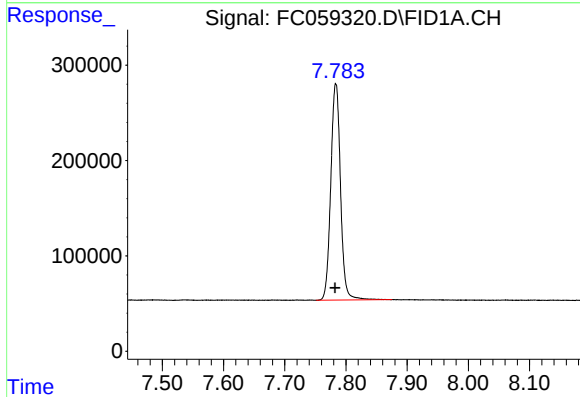
#4 n-Dodecane (C12)

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 2519248
Conc: 19.72 ug/ml



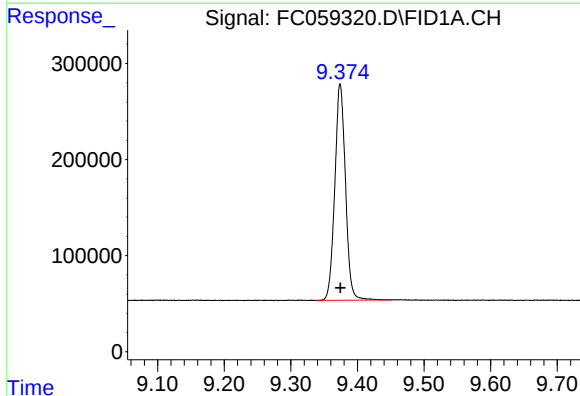
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 2435808
Conc: 19.00 ug/ml



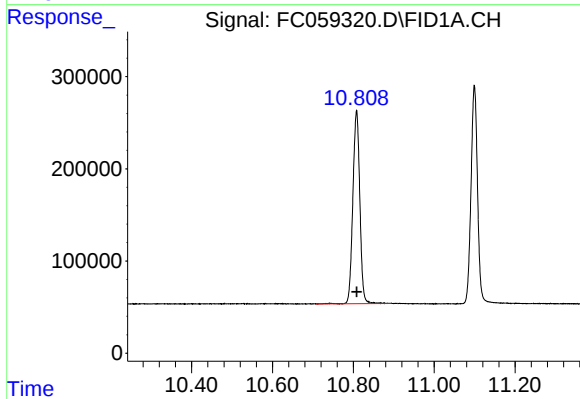
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.001 min
Response: 2512702
Conc: 19.33 ug/ml



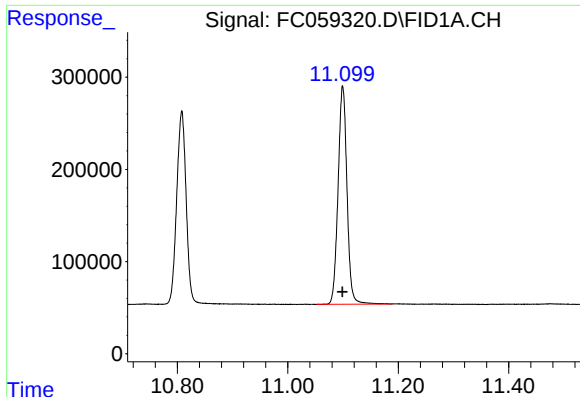
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 2505199
Conc: 18.87 ug/ml



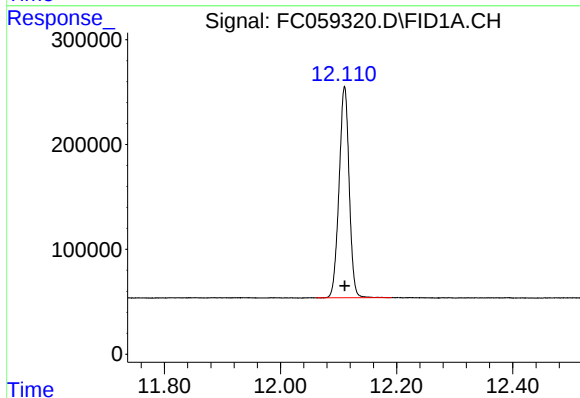
#8 n-Octadecane (C18)

R.T.: 10.808 min
Delta R.T.: 0.000 min
Response: 2502257
Conc: 18.82 ug/ml



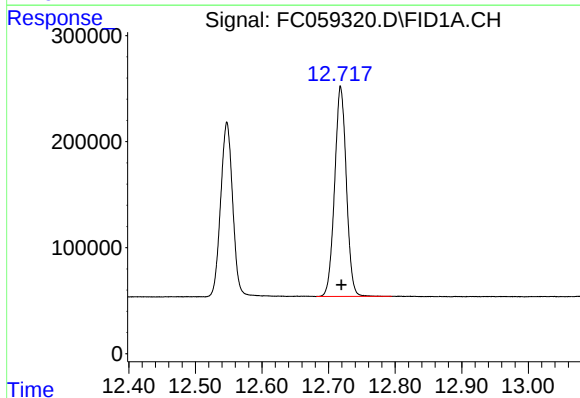
#9 ortho-Terphenyl (SURR)

R.T.: 11.099 min
Delta R.T.: 0.000 min
Response: 2654596
Conc: 18.42 ug/ml



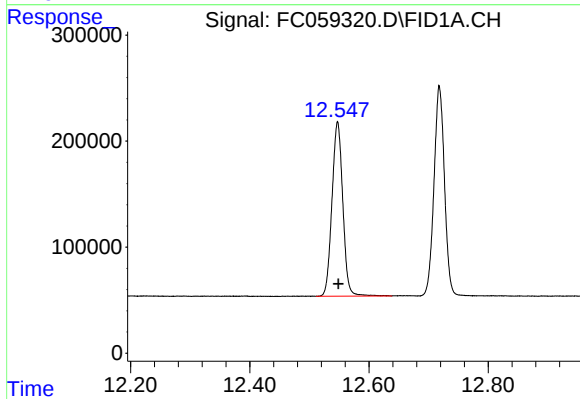
#10 n-Eicosane (C20)

R.T.: 12.110 min
Delta R.T.: 0.000 min
Response: 2432044
Conc: 18.56 ug/ml



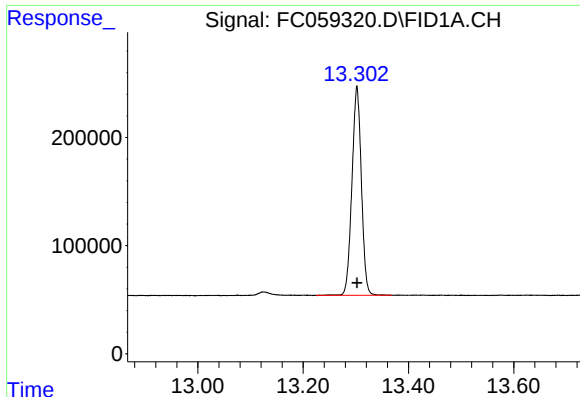
#11 n-Heneicosane (C21)

R.T.: 12.718 min
Delta R.T.: -0.001 min
Response: 2420571
Conc: 18.55 ug/ml



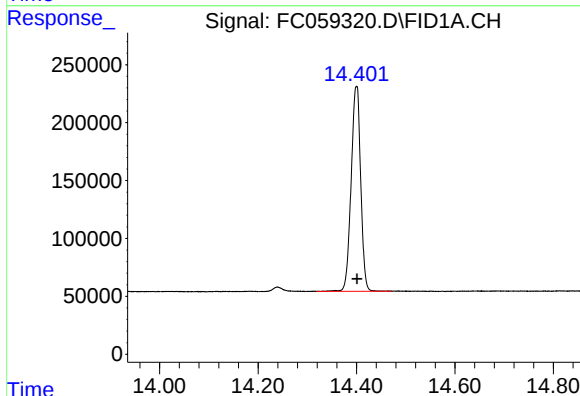
#12 1-chlorooctadecane (SURR)

R.T.: 12.547 min
Delta R.T.: -0.001 min
Response: 2070979
Conc: 18.48 ug/ml



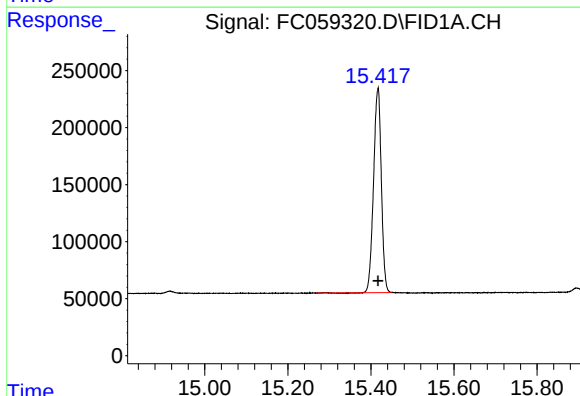
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 2405922
Conc: 18.57 ug/ml



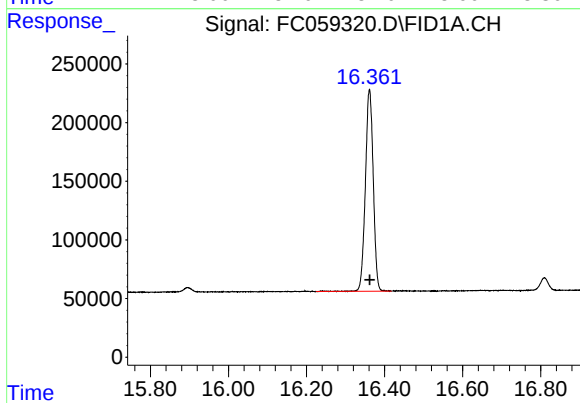
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: -0.001 min
Response: 2378276
Conc: 18.83 ug/ml



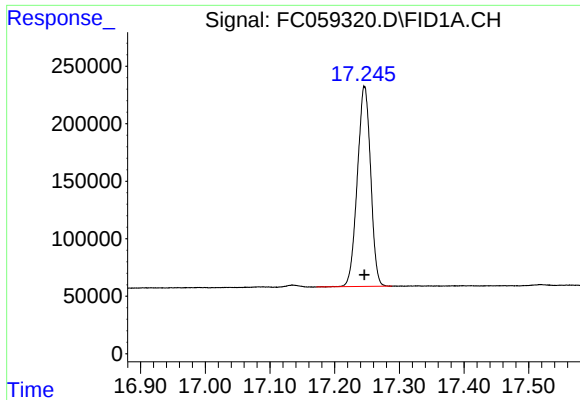
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2324239
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.361 min
Delta R.T.: -0.001 min
Response: 2402825
Conc: 20.29 ug/ml



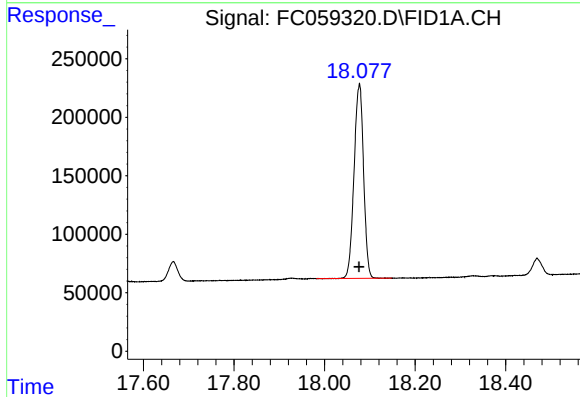
#17 n-Tricontane (C30)

R.T.: 17.246 min

Delta R.T.: 0.000 min

Response: 2484203

Conc: 21.78 ug/ml



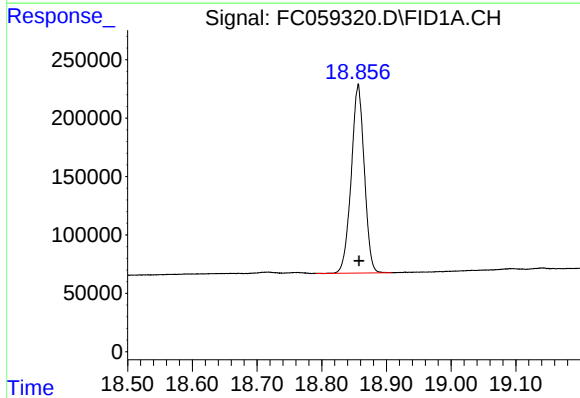
#18 n-Dotriacontane (C32)

R.T.: 18.077 min

Delta R.T.: 0.000 min

Response: 2428042

Conc: 22.66 ug/ml



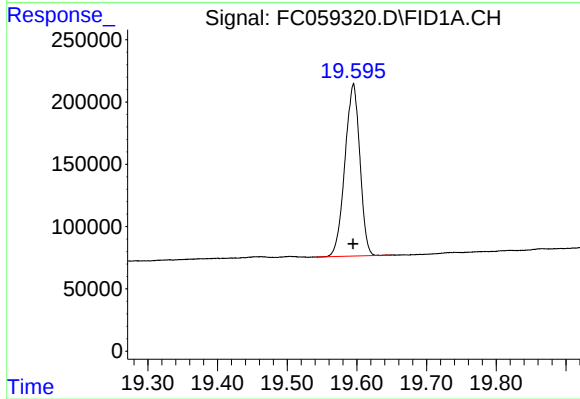
#19 n-Tetratriacontane (C34)

R.T.: 18.856 min

Delta R.T.: -0.002 min

Response: 2257106

Conc: 22.34 ug/ml



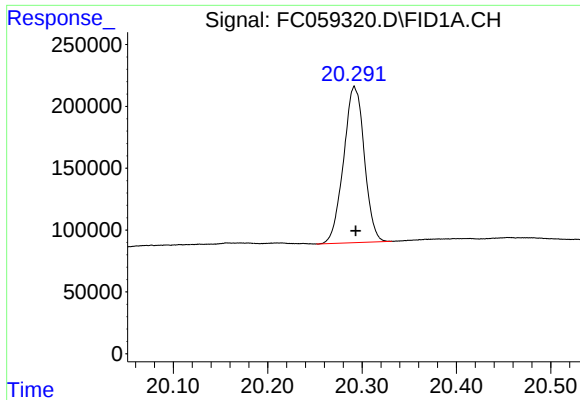
#20 n-Hexatriacontane (C36)

R.T.: 19.595 min

Delta R.T.: 0.000 min

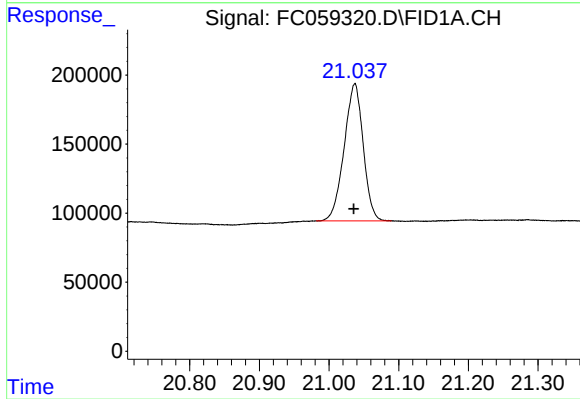
Response: 2064429

Conc: 21.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: 0.000 min
Response: 1921031
Conc: 20.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.037 min
Delta R.T.: 0.001 min
Response: 1891596
Conc: 20.35 ug/ml