

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082321AL\
 Data File : FC055318.D
 Signal(s) : FID1A.CH
 Acq On : 23 Aug 2021 10:57
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 13:21:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

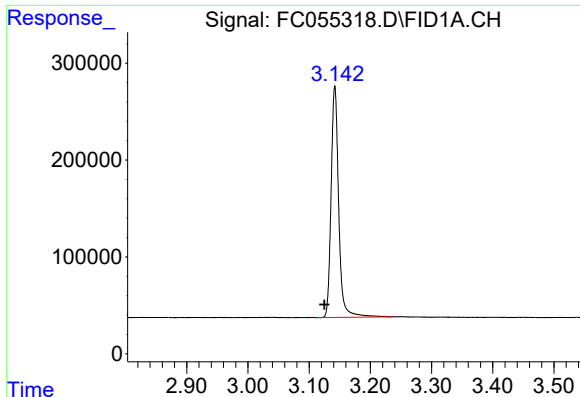
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.306	2169453	17.232 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
12) S 1-chlorooctadecane (S...	12.746	1689621	17.048 ug/ml
Spiked Amount 50.000		Recovery =	34.10%
Target Compounds			
1) T n-Nonane (C9)	3.142	2059624	19.697 ug/ml
2) T n-Decane (C10)	4.191	2078346	19.736 ug/ml
3) T A~Naphthalene (C11.7)	5.758	2087212	19.209 ug/ml
4) T n-Dodecane (C12)	6.191	2128037	19.597 ug/ml
5) T A~2-methylnaphthalene...	6.807	2052127	18.803 ug/ml
6) T n-Tetradecane (C14)	7.975	2148925	19.249 ug/ml
7) T n-Hexadecane (C16)	9.568	2131969	18.693 ug/ml
8) T n-Octadecane (C18)	11.002	2138432	18.134 ug/ml
10) T n-Eicosane (C20)	12.305	2049801	17.459 ug/ml
11) T n-Heneicosane (C21)	12.914	2037056	17.252 ug/ml
13) T n-Docosane (C22)	13.498	1987379	17.016 ug/ml
14) T n-Tetracosane (C24)	14.596	1909849	16.500 ug/ml
15) T n-Hexacosane (C26)	15.614	1808326	16.136 ug/ml
16) T n-Octacosane (C28)	16.561	1779326	16.388 ug/ml
17) T n-Tricontane (C30)	17.446	1744603	16.709 ug/ml
18) T n-Dotriacontane (C32)	18.276	1726773	17.436 ug/ml
19) T n-Tetratriacontane (C34)	19.058	1754626	18.513 ug/ml
20) T n-Hexatriacontane (C36)	19.797	1722314	19.060 ug/ml
21) T n-Octatriacontane (C38)	20.497	1855033	21.469 ug/ml
22) T n-Tetracontane (C40)	21.302	1920294	21.563 ug/ml

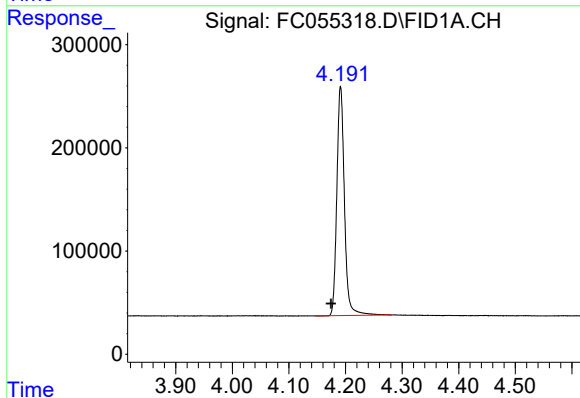
(f)=RT Delta > 1/2 Window

(m)=manual int.



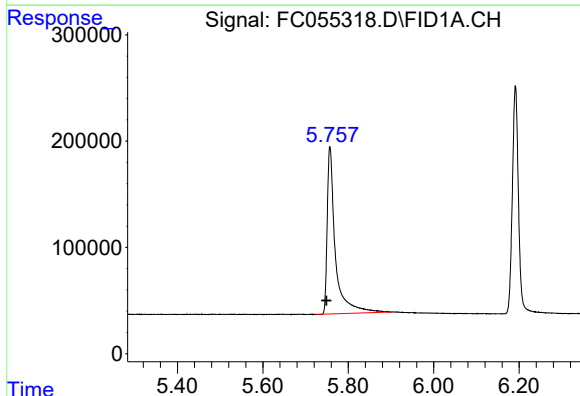
#1 n-Nonane (C9)

R.T.: 3.142 min
Delta R.T.: 0.017 min
Response: 2059624
Conc: 19.70 ug/ml



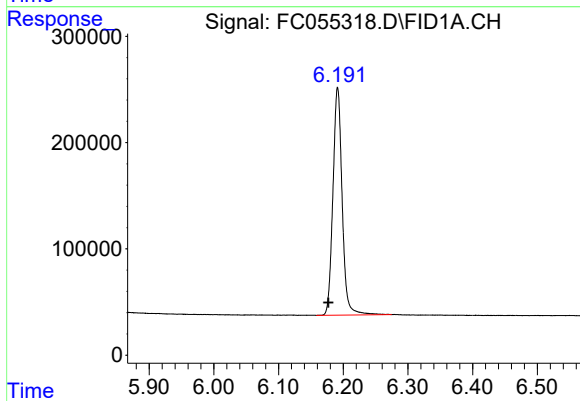
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.017 min
Response: 2078346
Conc: 19.74 ug/ml



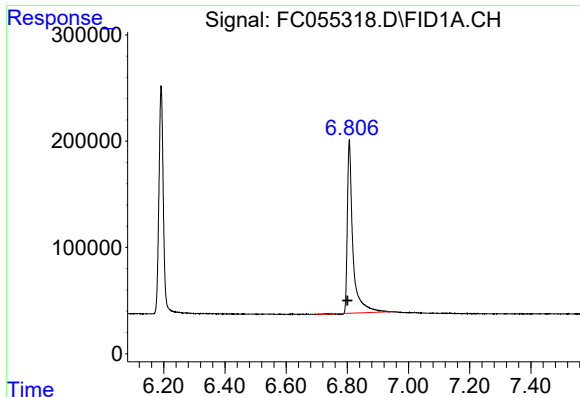
#3 A~Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: 0.009 min
Response: 2087212
Conc: 19.21 ug/ml



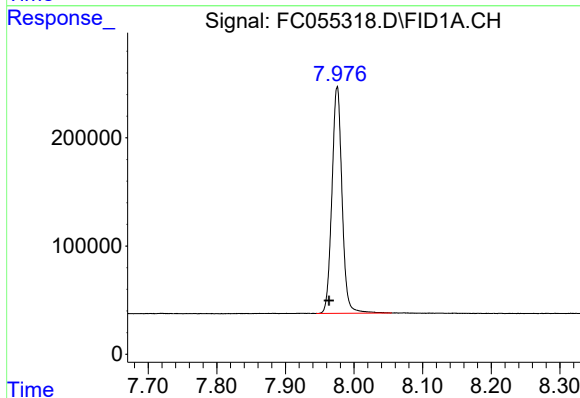
#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2128037
Conc: 19.60 ug/ml



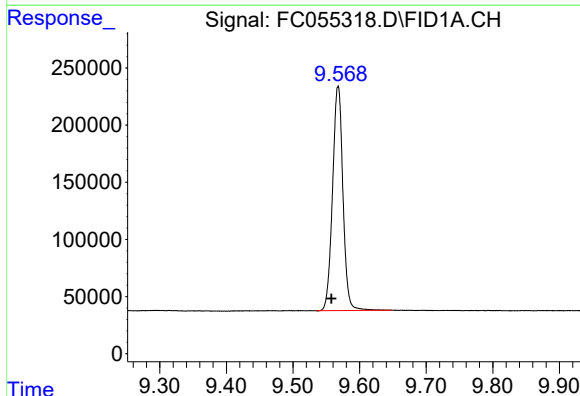
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 2052127
Conc: 18.80 ug/ml



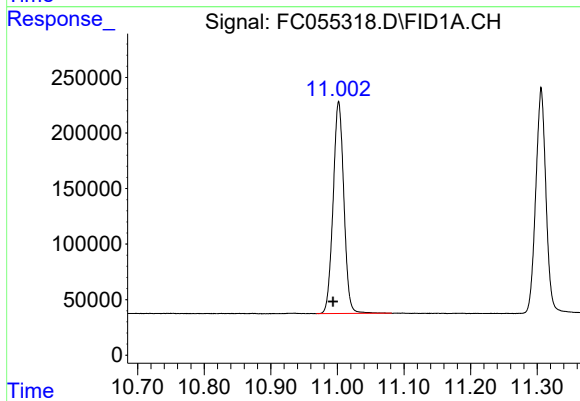
#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: 0.012 min
Response: 2148925
Conc: 19.25 ug/ml



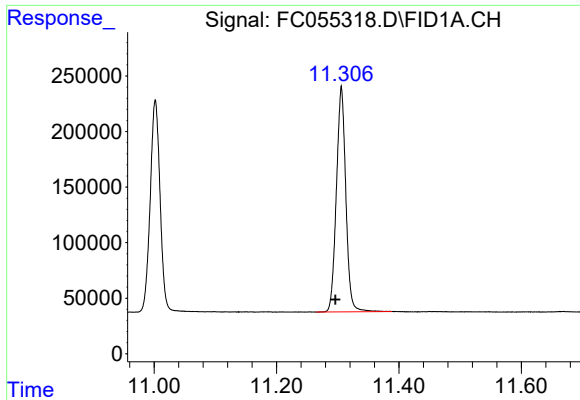
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2131969
Conc: 18.69 ug/ml



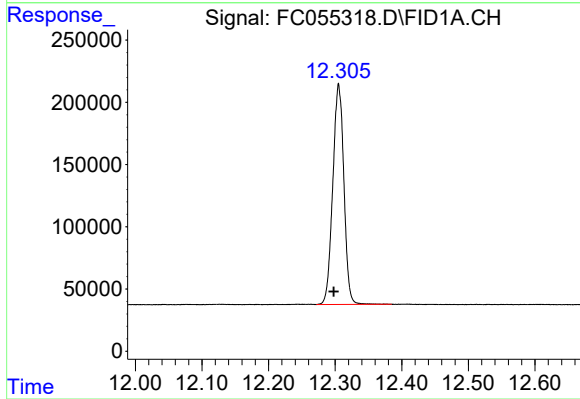
#8 n-Octadecane (C18)

R.T.: 11.002 min
Delta R.T.: 0.008 min
Response: 2138432
Conc: 18.13 ug/ml



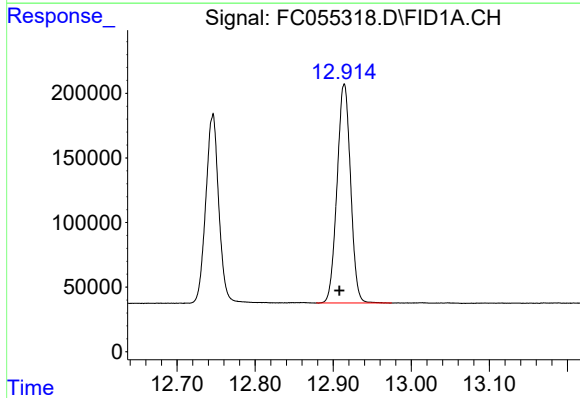
#9 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 2169453
Conc: 17.23 ug/ml



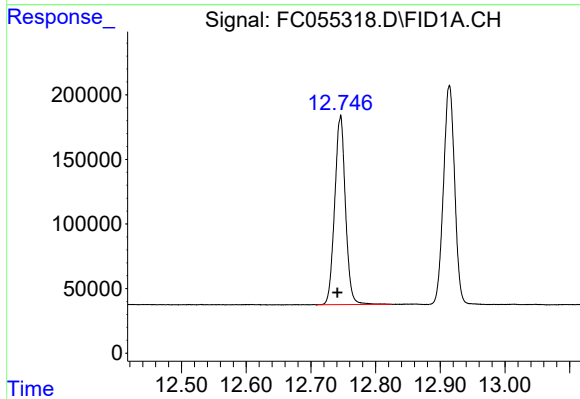
#10 n-Eicosane (C20)

R.T.: 12.305 min
Delta R.T.: 0.007 min
Response: 2049801
Conc: 17.46 ug/ml



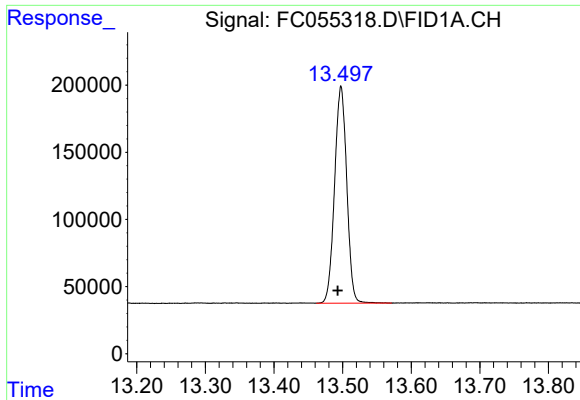
#11 n-Heneicosane (C21)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 2037056
Conc: 17.25 ug/ml



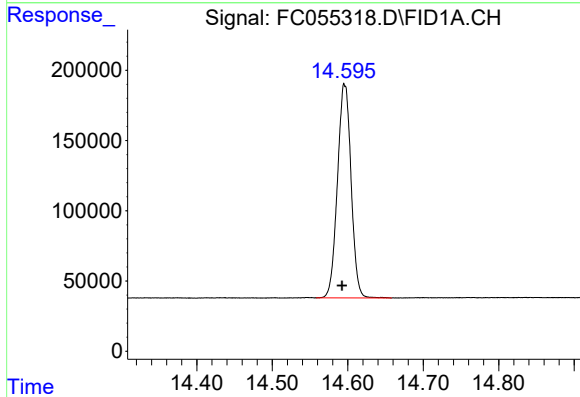
#12 1-chlorooctadecane (SURR)

R.T.: 12.746 min
Delta R.T.: 0.005 min
Response: 1689621
Conc: 17.05 ug/ml



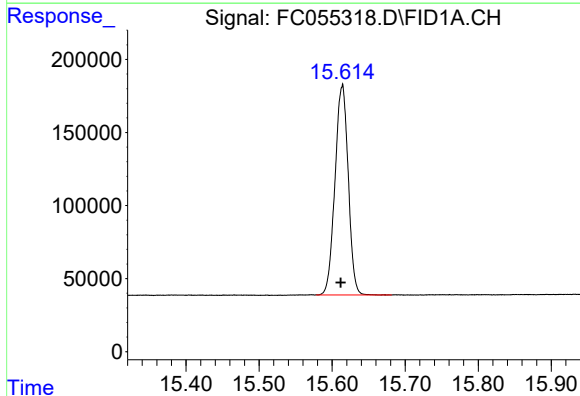
#13 n-Docosane (C22)

R.T.: 13.498 min
Delta R.T.: 0.005 min
Response: 1987379
Conc: 17.02 ug/ml



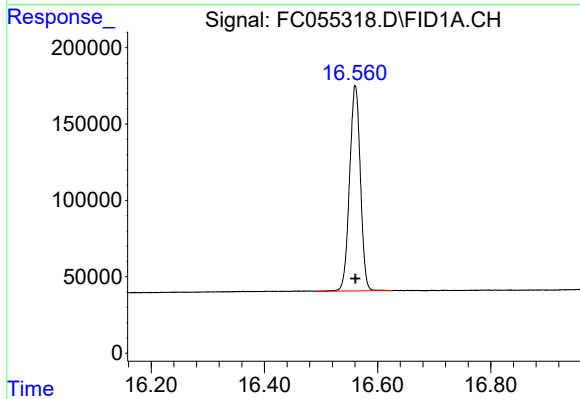
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.003 min
Response: 1909849
Conc: 16.50 ug/ml



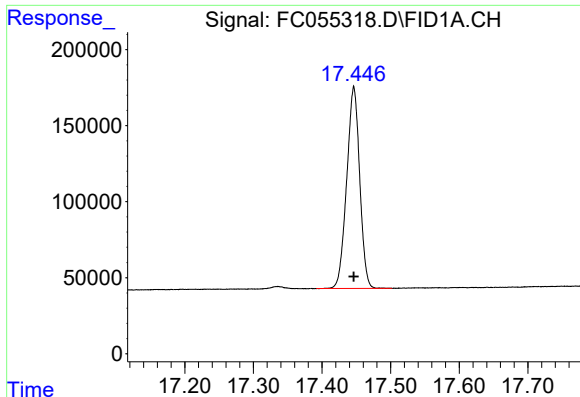
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: 0.002 min
Response: 1808326
Conc: 16.14 ug/ml



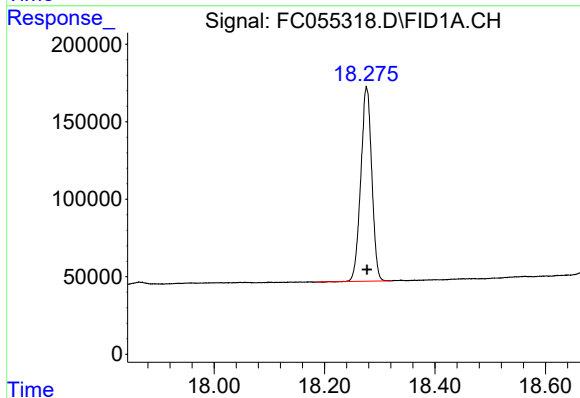
#16 n-Octacosane (C28)

R.T.: 16.561 min
Delta R.T.: 0.000 min
Response: 1779326
Conc: 16.39 ug/ml



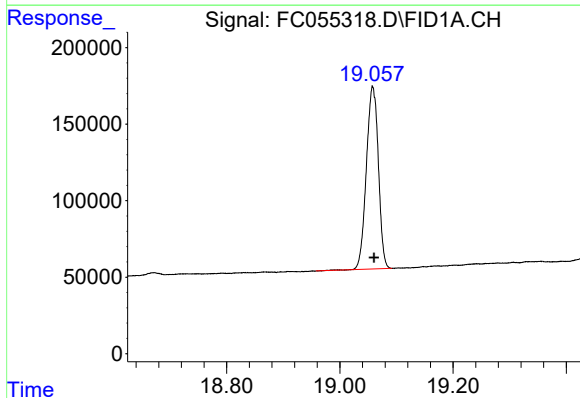
#17 n-Tricontane (C30)

R.T.: 17.446 min
Delta R.T.: 0.000 min
Response: 1744603
Conc: 16.71 ug/ml



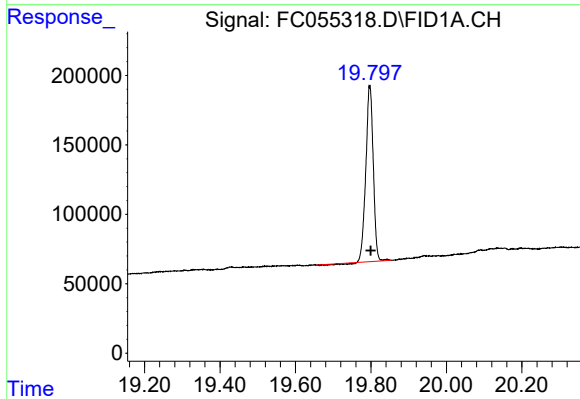
#18 n-Dotriacontane (C32)

R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 1726773
Conc: 17.44 ug/ml



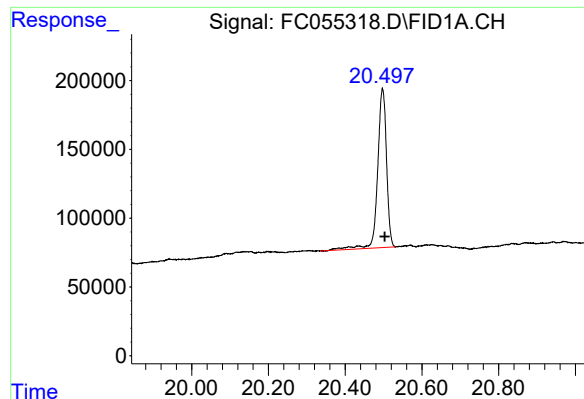
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min
Delta R.T.: -0.002 min
Response: 1754626
Conc: 18.51 ug/ml



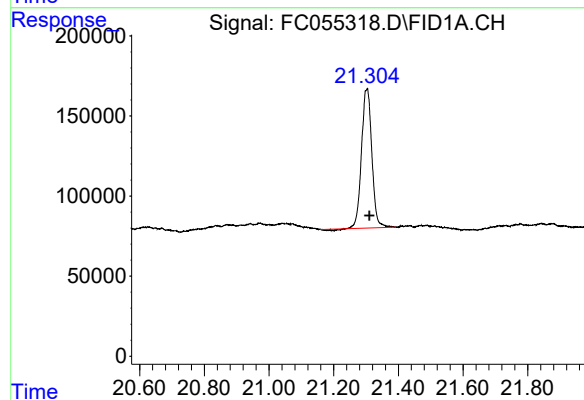
#20 n-Hexatriacontane (C36)

R.T.: 19.797 min
Delta R.T.: -0.003 min
Response: 1722314
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.497 min
Delta R.T.: -0.005 min
Response: 1855033
Conc: 21.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.302 min
Delta R.T.: -0.008 min
Response: 1920294
Conc: 21.56 ug/ml