

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110821AL\
 Data File : FC056688.D
 Signal(s) : FID1A.CH
 Acq On : 09 Nov 2021 3:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 09 03:43:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

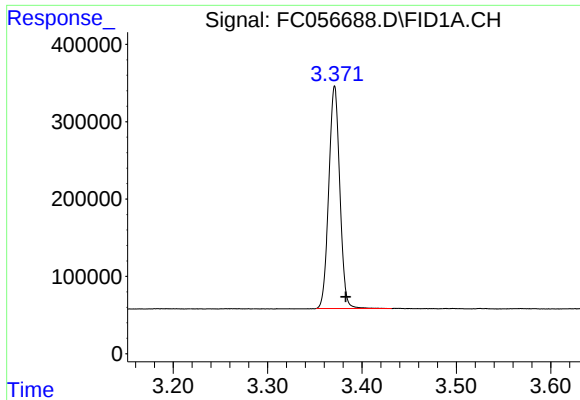
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.613	2358658	19.049 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	13.043	1824188	18.958 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.371	2334338	21.568 ug/ml
2) T n-Decane (C10)	4.439	2341116	21.734 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2598548	21.313 ug/ml
4) T n-Dodecane (C12)	6.458	2364457	21.448 ug/ml
5) T A~2-methylnaphthalene...	7.087	2575087	21.028 ug/ml
6) T n-Tetradecane (C14)	8.252	2358027	21.004 ug/ml
7) T n-Hexadecane (C16)	9.852	2323724	20.439 ug/ml
8) T n-Octadecane (C18)	11.292	2336479	19.994 ug/ml
10) T n-Eicosane (C20)	12.599	2230451	19.407 ug/ml
11) T n-Heneicosane (C21)	13.209	2200928	19.151 ug/ml
13) T n-Docosane (C22)	13.794	2135466	18.968 ug/ml
14) T n-Tetracosane (C24)	14.894	2046641	18.571 ug/ml
15) T n-Hexacosane (C26)	15.912	1940698	18.387 ug/ml
16) T n-Octacosane (C28)	16.858	1907002	18.385 ug/ml
17) T n-Tricontane (C30)	17.740	1882318	18.168 ug/ml
18) T n-Dotriacontane (C32)	18.569	1867194	19.489 ug/ml
19) T n-Tetratriacontane (C34)	19.351	1897556	21.635 ug/ml
20) T n-Hexatriacontane (C36)	20.085	1886850	23.052 ug/mlm
21) T n-Octatriacontane (C38)	20.818	1848050	23.107 ug/ml
22) T n-Tetracontane (C40)	21.733	1907769	23.155 ug/ml

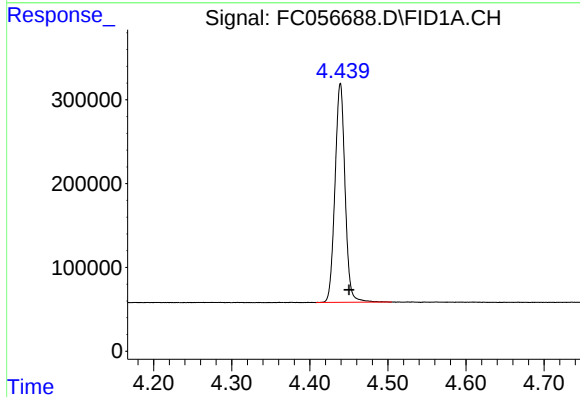
(f)=RT Delta > 1/2 Window

(m)=manual int.



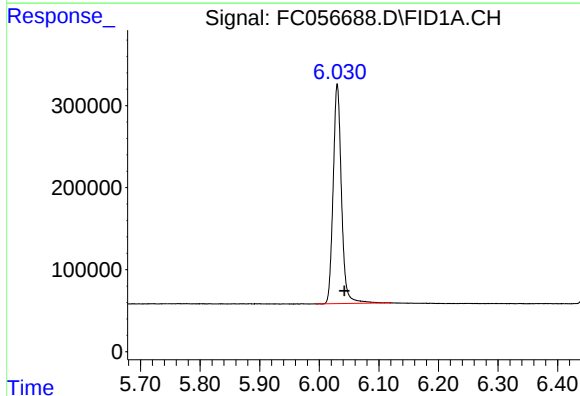
#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: -0.012 min
Response: 2334338
Conc: 21.57 ug/ml



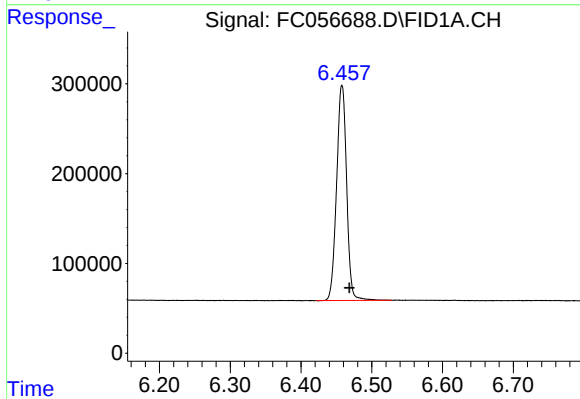
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 2341116
Conc: 21.73 ug/ml



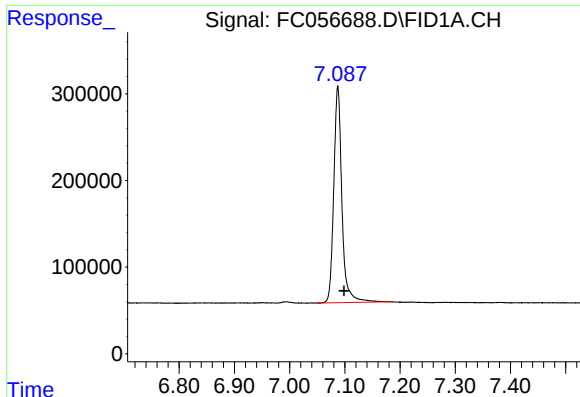
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 2598548
Conc: 21.31 ug/ml



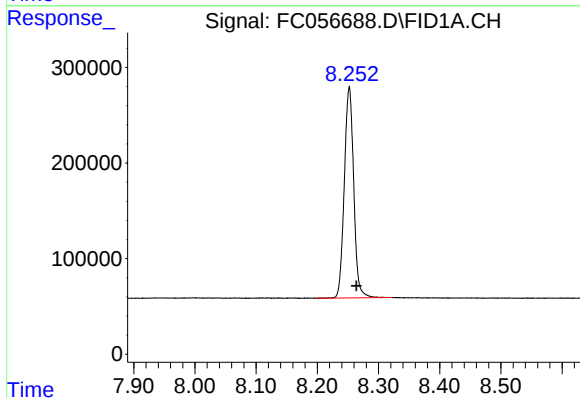
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.011 min
Response: 2364457
Conc: 21.45 ug/ml



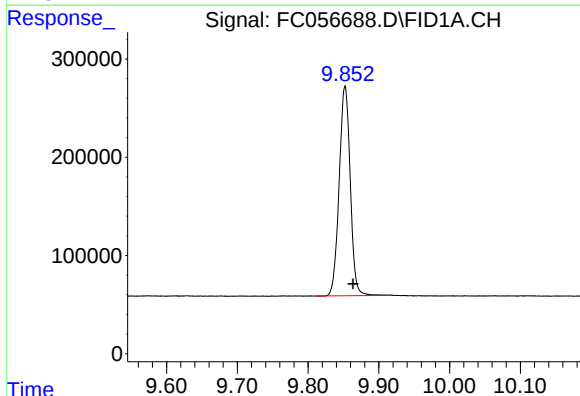
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.011 min
Response: 2575087
Conc: 21.03 ug/ml



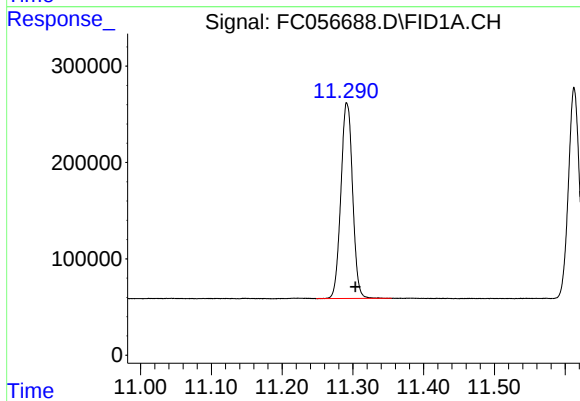
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.012 min
Response: 2358027
Conc: 21.00 ug/ml



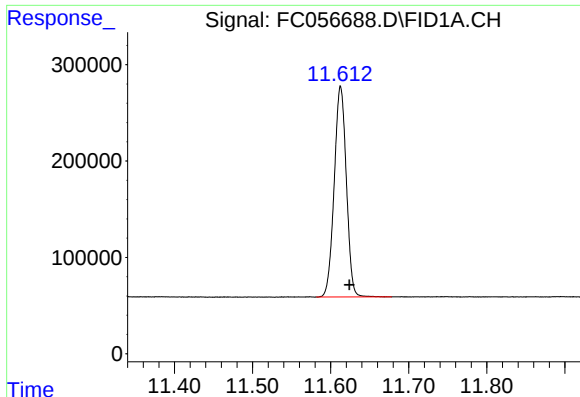
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.011 min
Response: 2323724
Conc: 20.44 ug/ml



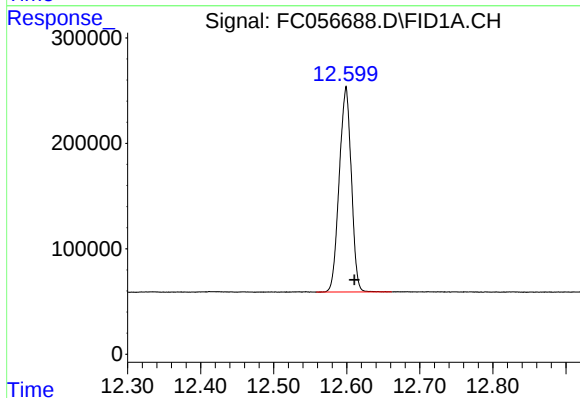
#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 2336479
Conc: 19.99 ug/ml



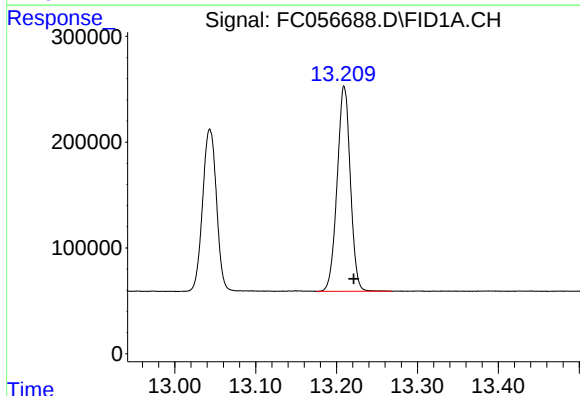
#9 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.011 min
Response: 2358658
Conc: 19.05 ug/ml



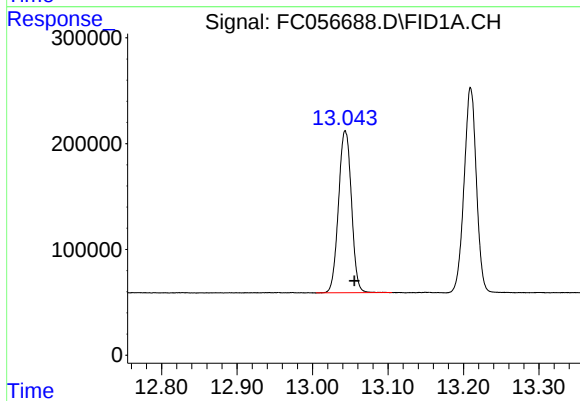
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: -0.012 min
Response: 2230451
Conc: 19.41 ug/ml



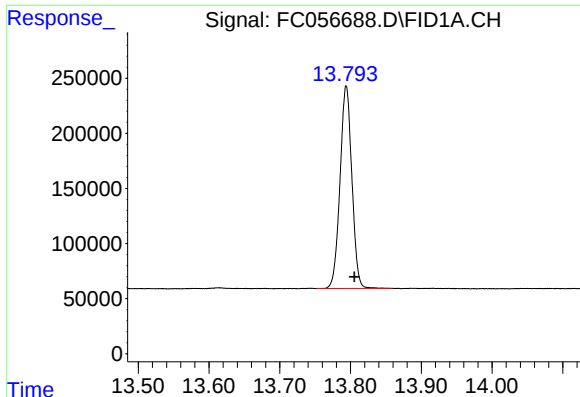
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.012 min
Response: 2200928
Conc: 19.15 ug/ml



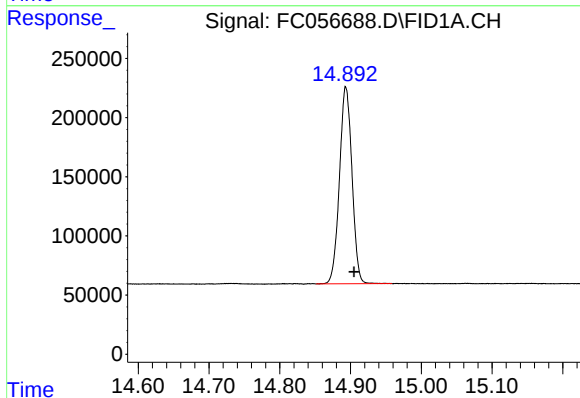
#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min
Delta R.T.: -0.012 min
Response: 1824188
Conc: 18.96 ug/ml



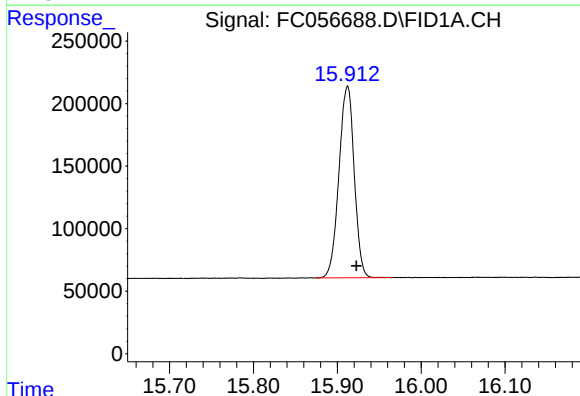
#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: -0.012 min
Response: 2135466
Conc: 18.97 ug/ml



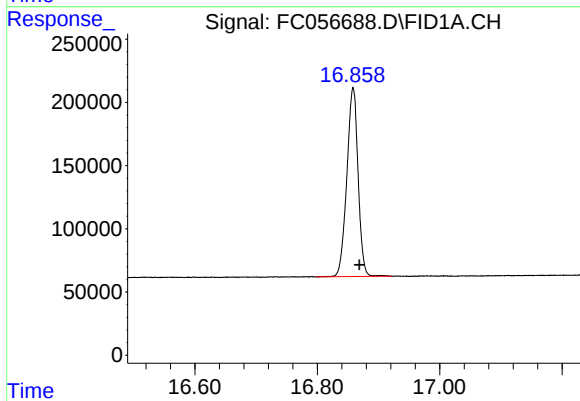
#14 n-Tetracosane (C24)

R.T.: 14.894 min
Delta R.T.: -0.011 min
Response: 2046641
Conc: 18.57 ug/ml



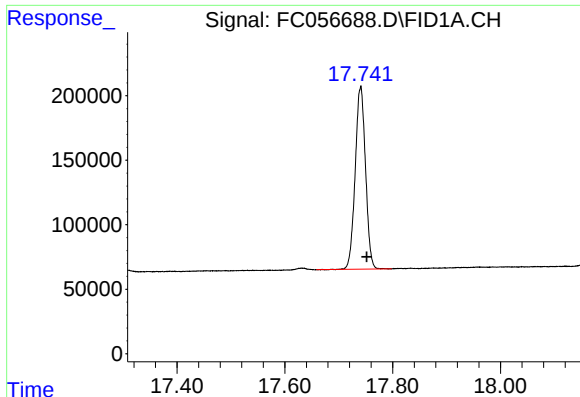
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.011 min
Response: 1940698
Conc: 18.39 ug/ml



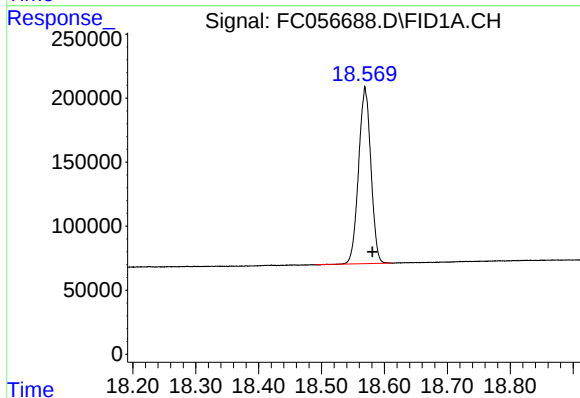
#16 n-Octacosane (C28)

R.T.: 16.858 min
Delta R.T.: -0.010 min
Response: 1907002
Conc: 18.38 ug/ml



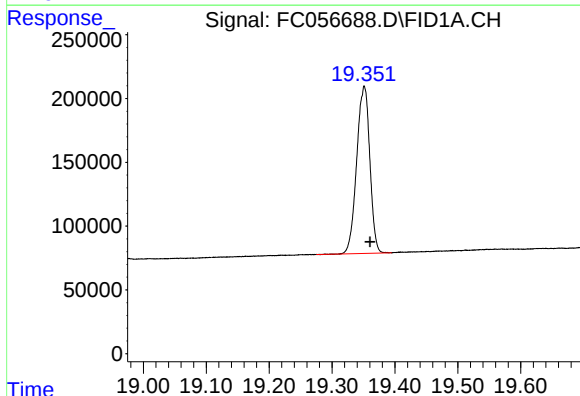
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.012 min
Response: 1882318
Conc: 18.17 ug/ml



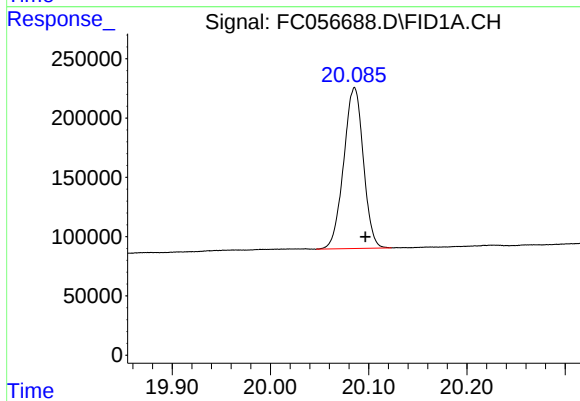
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.012 min
Response: 1867194
Conc: 19.49 ug/ml



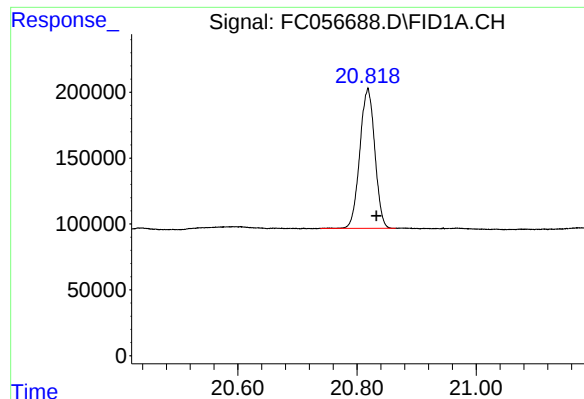
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.010 min
Response: 1897556
Conc: 21.63 ug/ml



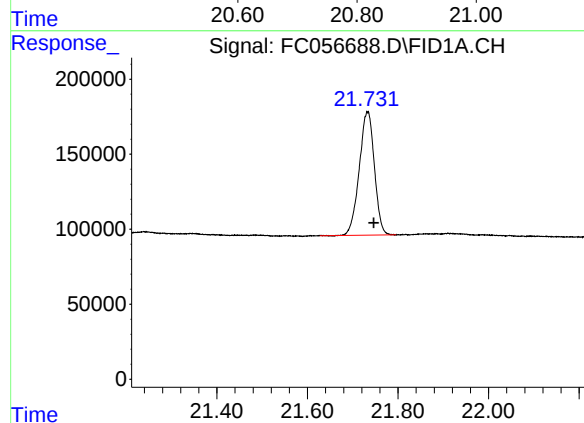
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.012 min
Response: 1886850
Conc: 23.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.014 min
Response: 1848050
Conc: 23.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.014 min
Response: 1907769
Conc: 23.16 ug/ml