

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052836.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2021 10:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 10:29:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

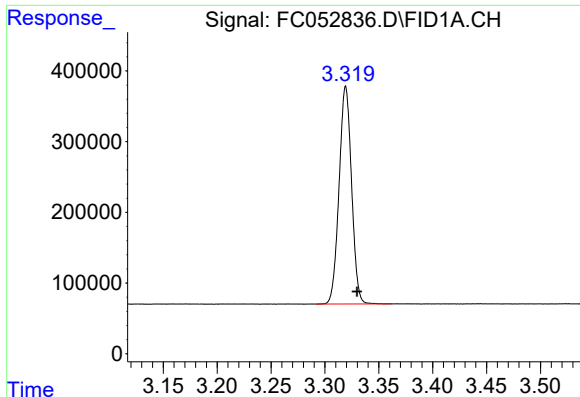
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.561	2530180	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	12.998	1964577	18.214 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.319	2479512	21.348 ug/ml
2) T n-Decane (C10)	4.386	2511560	21.432 ug/ml
3) T A~Naphthalene (C11.7)	5.972	2765447	21.122 ug/ml
4) T n-Dodecane (C12)	6.406	2563949	21.355 ug/ml
5) T A~2-methylnaphthalene...	7.030	2816367	21.040 ug/ml
6) T n-Tetradecane (C14)	8.202	2540133	21.002 ug/ml
7) T n-Hexadecane (C16)	9.803	2462647	20.476 ug/ml
8) T n-Octadecane (C18)	11.245	2484247	19.690 ug/ml
10) T n-Eicosane (C20)	12.554	2383107	18.663 ug/ml
11) T n-Heneicosane (C21)	13.165	2319061	18.245 ug/ml
13) T n-Docosane (C22)	13.752	2251712	17.775 ug/ml
14) T n-Tetracosane (C24)	14.853	2142316	17.149 ug/ml
15) T n-Hexacosane (C26)	15.872	2034505	16.896 ug/ml
16) T n-Octacosane (C28)	16.822	1979429	17.169 ug/ml
17) T n-Tricontane (C30)	17.709	1962846	18.016 ug/ml
18) T n-Dotriacontane (C32)	18.541	1935113	19.286 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1938073	21.085 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1909580	20.941 ug/ml
21) T n-Octatriacontane (C38)	20.795	1855898	22.740 ug/ml
22) T n-Tetracontane (C40)	21.697	1929318	22.398 ug/ml

(f)=RT Delta > 1/2 Window

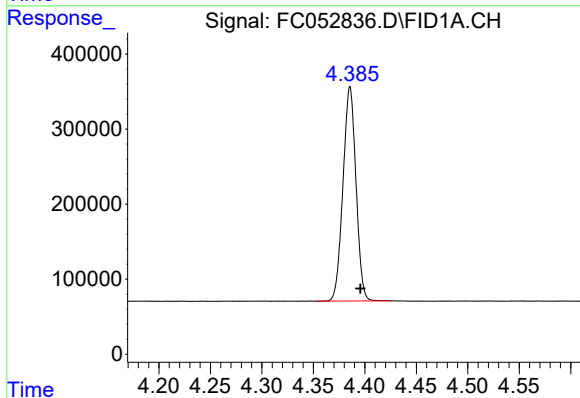
(m)=manual int.



#1 n-Nonane (C9)

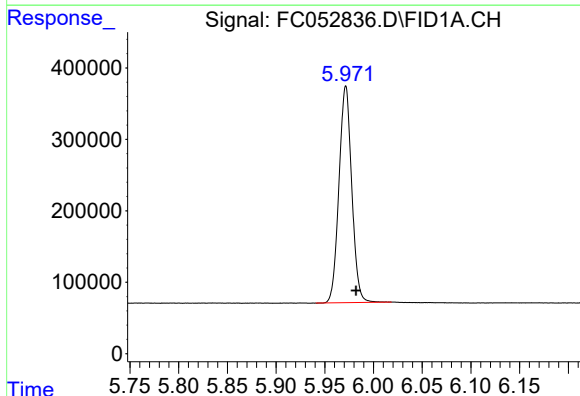
R.T.: 3.319 min
Delta R.T.: -0.011 min
Response: 2479512
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :



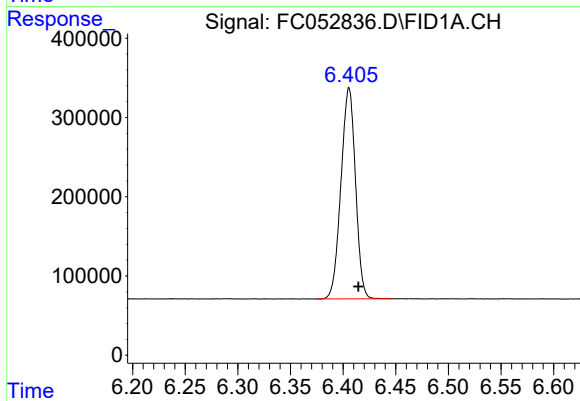
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.010 min
Response: 2511560
Conc: 21.43 ug/ml



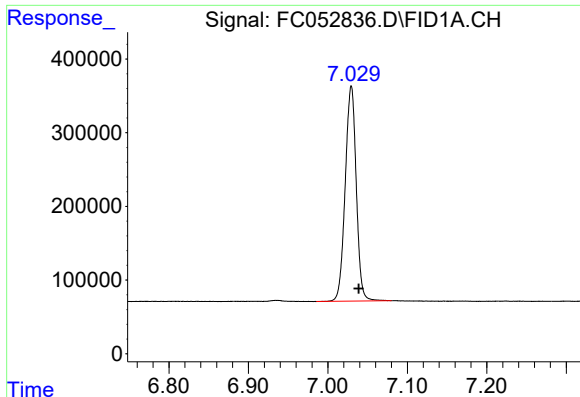
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 2765447
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

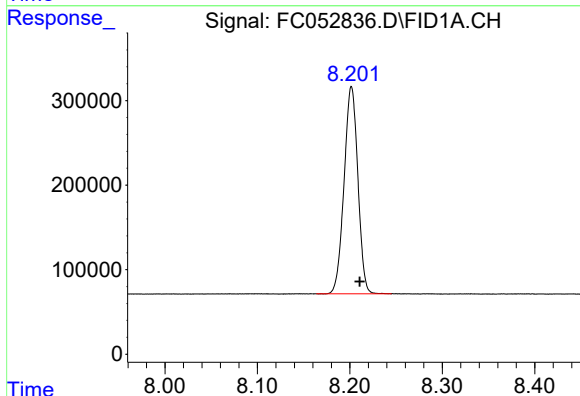
R.T.: 6.406 min
Delta R.T.: -0.009 min
Response: 2563949
Conc: 21.35 ug/ml



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

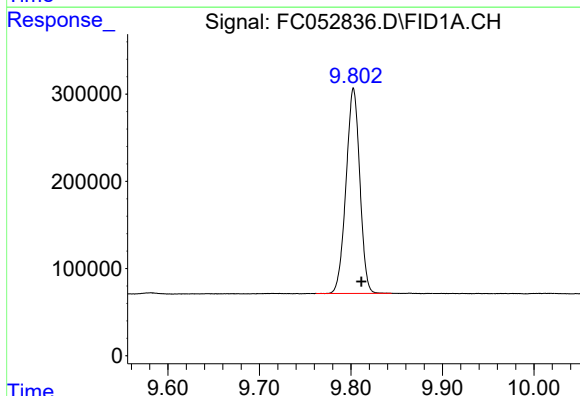
R.T.: 7.030 min
Delta R.T.: -0.009 min
Response: 2816367
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :



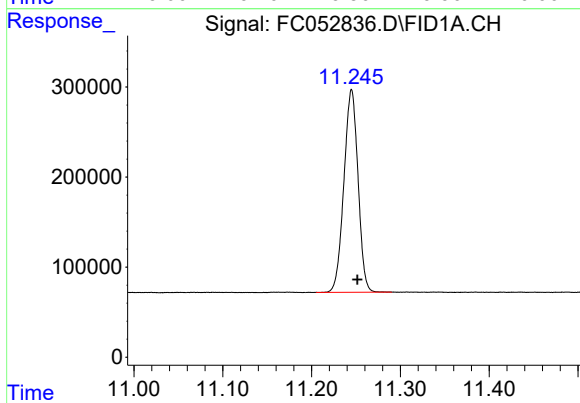
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.009 min
Response: 2540133
Conc: 21.00 ug/ml



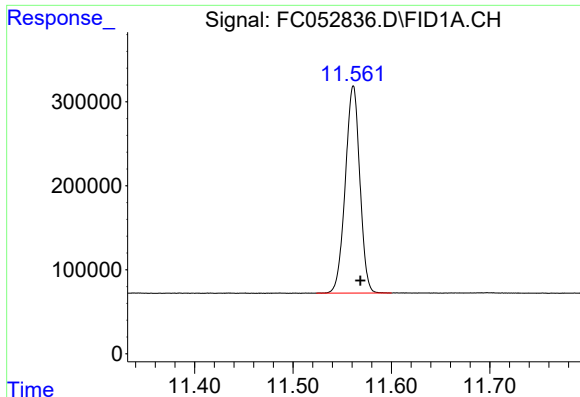
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.009 min
Response: 2462647
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

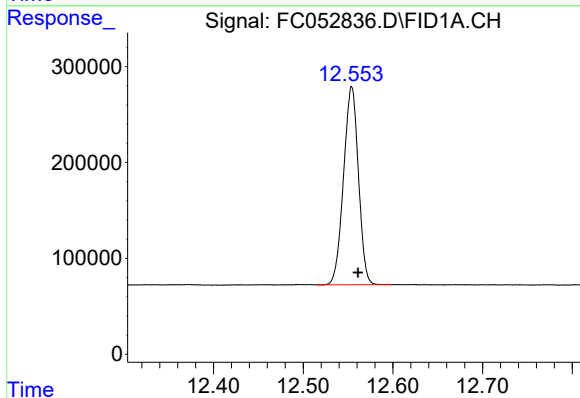
R.T.: 11.245 min
Delta R.T.: -0.007 min
Response: 2484247
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

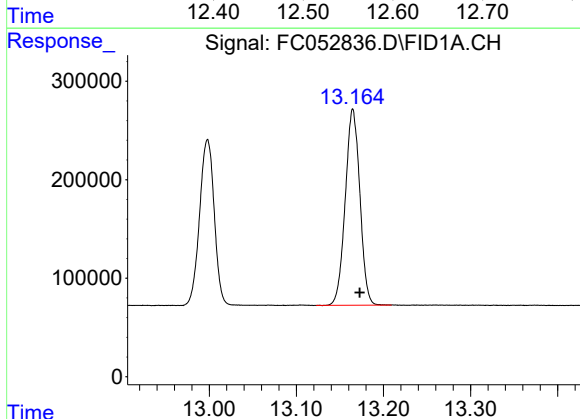
R.T.: 11.561 min
Delta R.T.: -0.007 min
Response: 2530180
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :



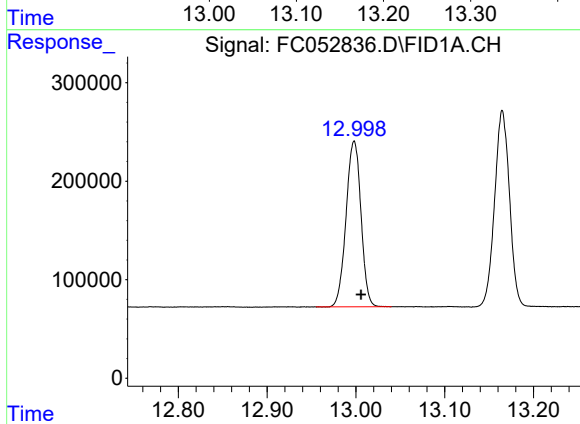
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2383107
Conc: 18.66 ug/ml



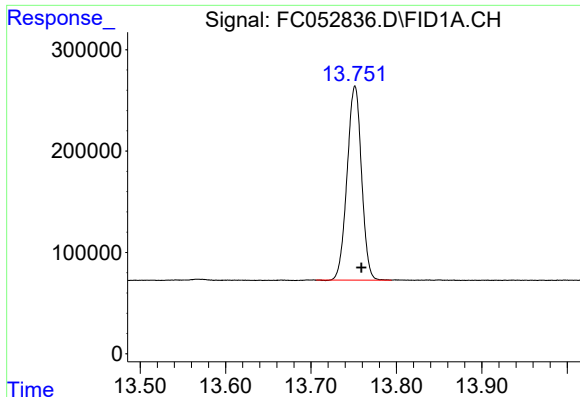
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.008 min
Response: 2319061
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

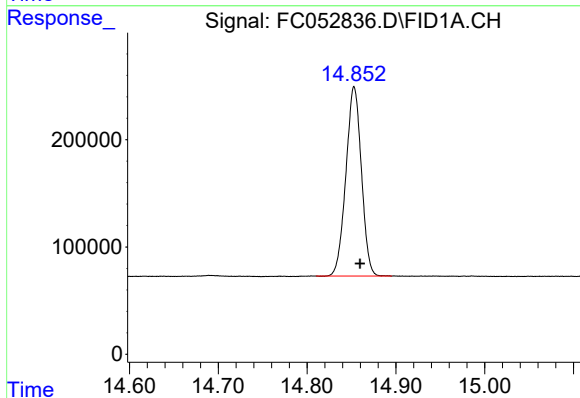
R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 1964577
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

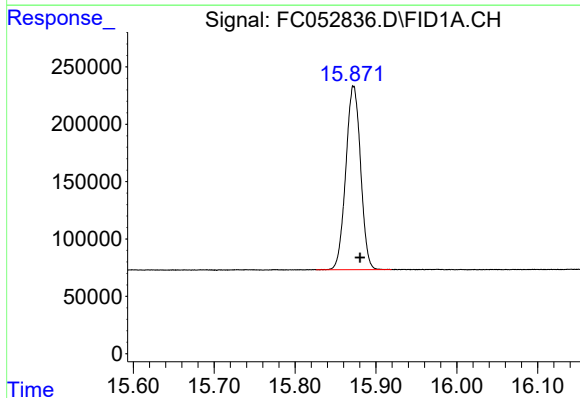
R.T.: 13.752 min
Delta R.T.: -0.008 min
Response: 2251712
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :



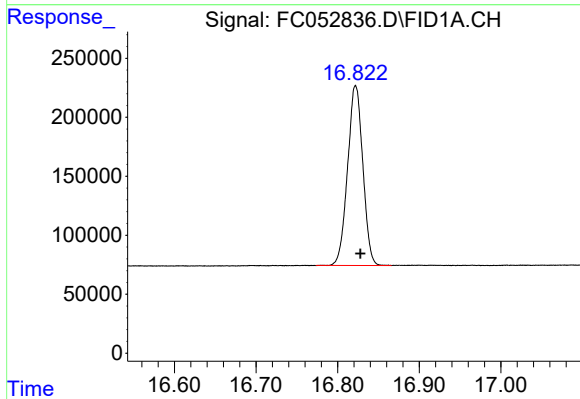
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.007 min
Response: 2142316
Conc: 17.15 ug/ml



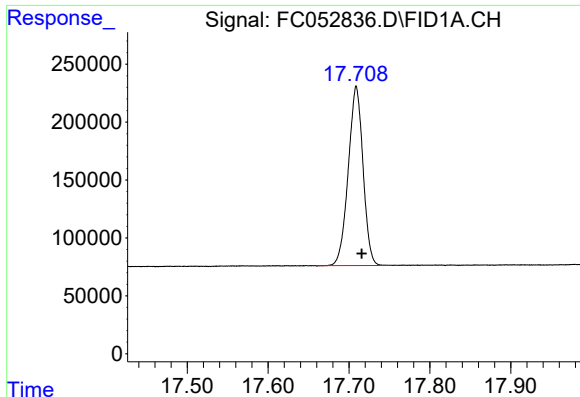
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 2034505
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

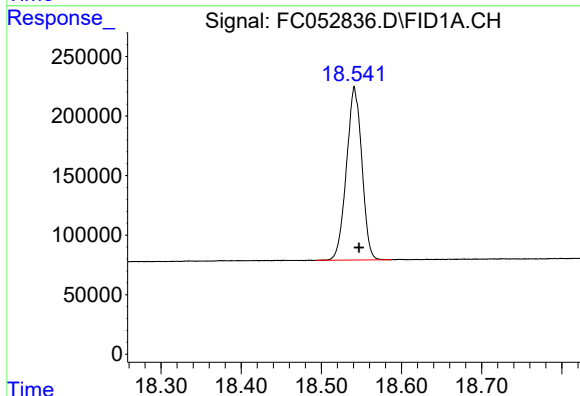
R.T.: 16.822 min
Delta R.T.: -0.006 min
Response: 1979429
Conc: 17.17 ug/ml



#17 n-Tricontane (C30)

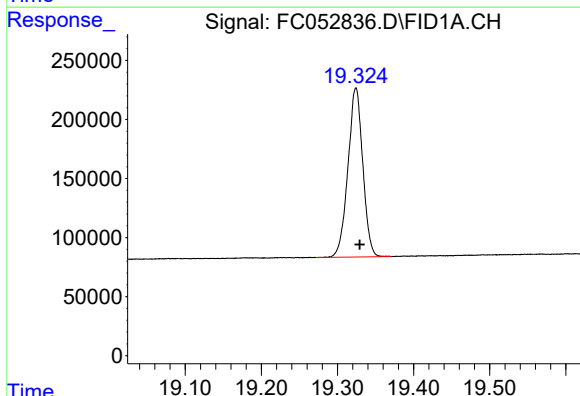
R.T.: 17.709 min
Delta R.T.: -0.007 min
Response: 1962846
Conc: 18.02 ug/ml

Instrument :
FID_C
ClientSampleId :



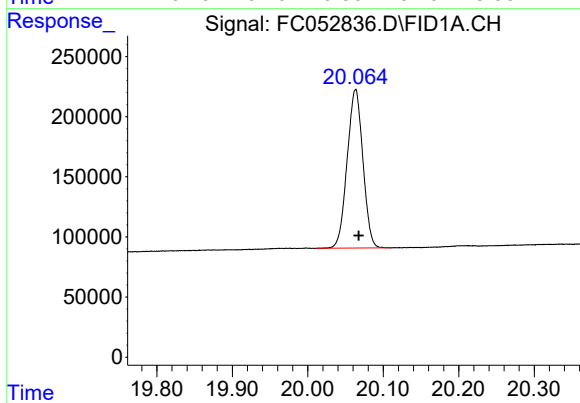
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 1935113
Conc: 19.29 ug/ml



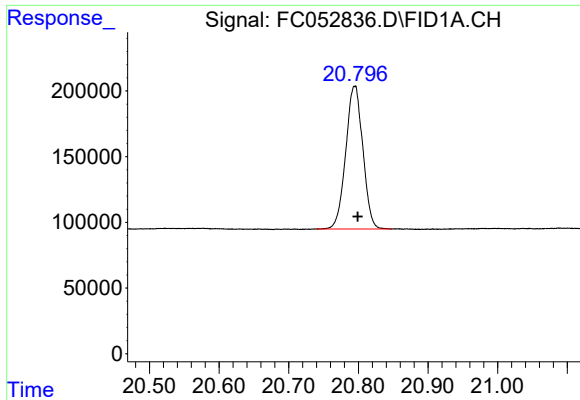
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.005 min
Response: 1938073
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

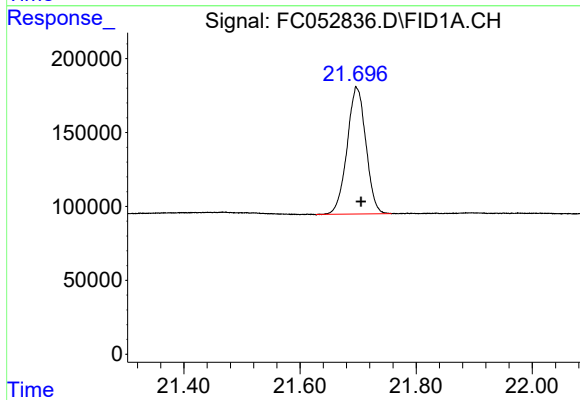
R.T.: 20.063 min
Delta R.T.: -0.004 min
Response: 1909580
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 1855898
Conc: 22.74 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.008 min
Response: 1929318
Conc: 22.40 ug/ml