

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032621AL\
 Data File : FC052776.D
 Signal(s) : FID1A.CH
 Acq On : 27 Mar 2021 4:52
 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 27 05:41:08 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)	11.562	2527336	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.000	1967569	18.242 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
Target Compounds			
1) T n-Nonane (C9)	3.321	2450680	21.099 ug/ml
2) T n-Decane (C10)	4.388	2498542	21.321 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2757391	21.061 ug/ml
4) T n-Dodecane (C12)	6.407	2555721	21.286 ug/ml
5) T A~2-methylnaphthalene...	7.031	2807004	20.970 ug/ml
6) T n-Tetradecane (C14)	8.204	2534554	20.956 ug/ml
7) T n-Hexadecane (C16)	9.804	2463280	20.481 ug/ml
8) T n-Octadecane (C18)	11.247	2489040	19.728 ug/ml
10) T n-Eicosane (C20)	12.556	2398725	18.785 ug/ml
11) T n-Heneicosane (C21)	13.167	2324202	18.285 ug/ml
13) T n-Docosane (C22)	13.753	2270036	17.919 ug/ml
14) T n-Tetracosane (C24)	14.856	2155053	17.251 ug/ml
15) T n-Hexacosane (C26)	15.877	2053383	17.053 ug/ml
16) T n-Octacosane (C28)	16.827	1994313	17.298 ug/ml
17) T n-Tricontane (C30)	17.712	1986682	18.235 ug/ml
18) T n-Dotriacontane (C32)	18.545	1957448	19.508 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1945302	21.163 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1910896	20.956 ug/ml
21) T n-Octatriacontane (C38)	20.797	1854711	22.725 ug/ml
22) T n-Tetracontane (C40)	21.702	1918639	22.274 ug/ml

(f)=RT Delta > 1/2 Window

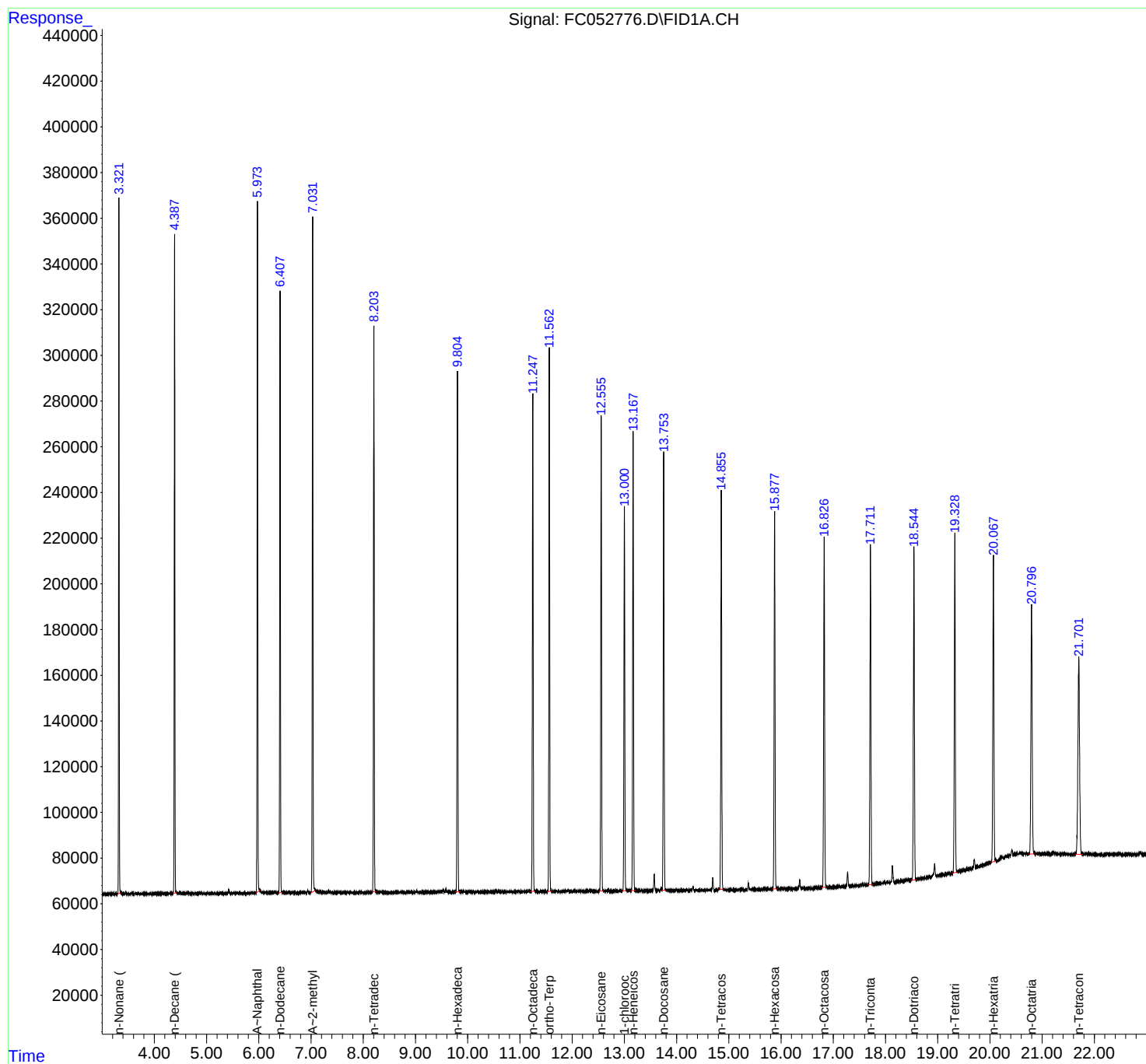
(m)=manual int.

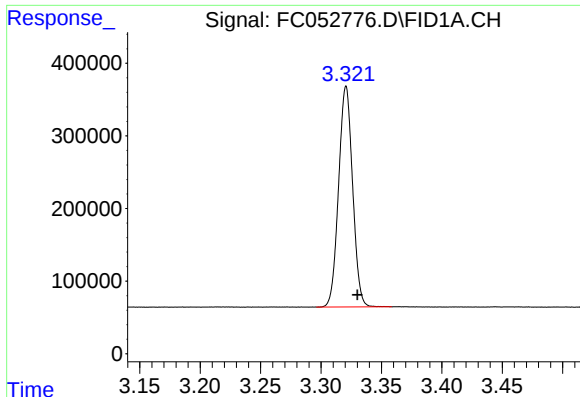
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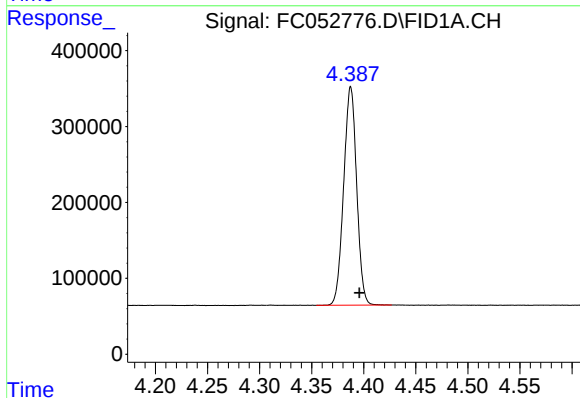




#1 n-Nonane (C9)

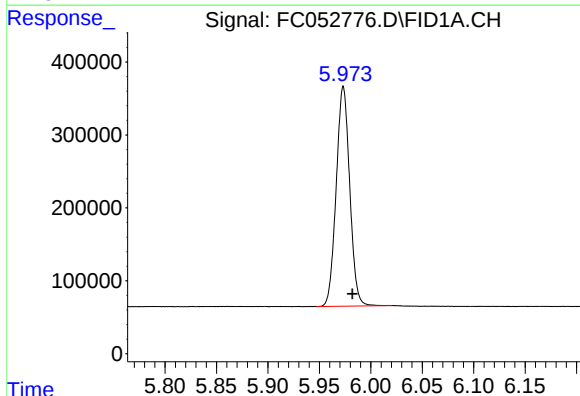
R.T.: 3.321 min
Delta R.T.: -0.009 min
Response: 2450680
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :



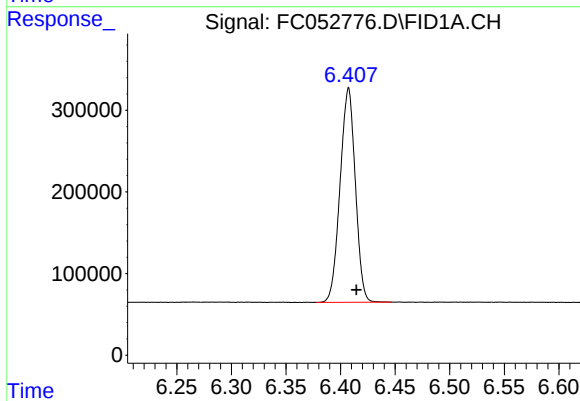
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: -0.008 min
Response: 2498542
Conc: 21.32 ug/ml



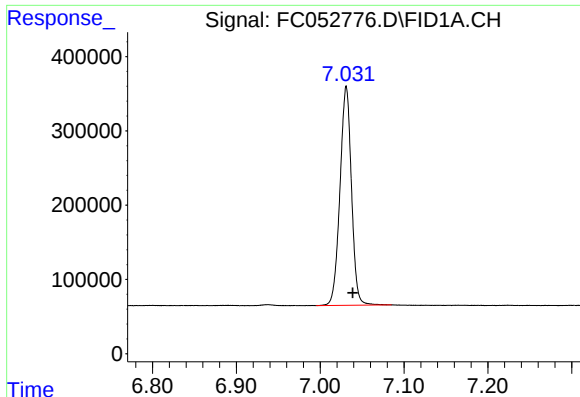
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 2757391
Conc: 21.06 ug/ml



#4 n-Dodecane (C12)

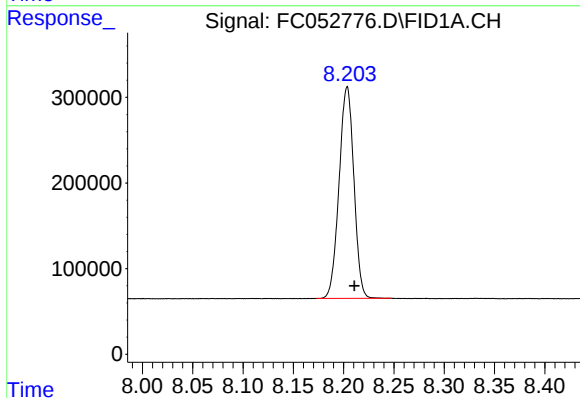
R.T.: 6.407 min
Delta R.T.: -0.007 min
Response: 2555721
Conc: 21.29 ug/ml



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

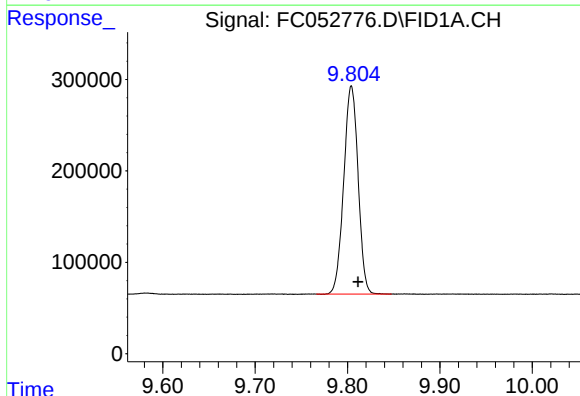
R.T.: 7.031 min
Delta R.T.: -0.008 min
Response: 2807004
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :



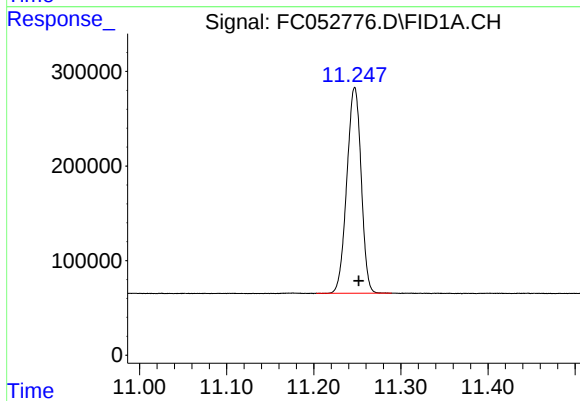
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 2534554
Conc: 20.96 ug/ml



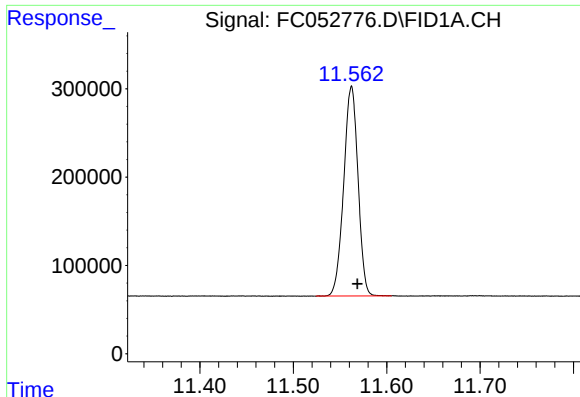
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: -0.007 min
Response: 2463280
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

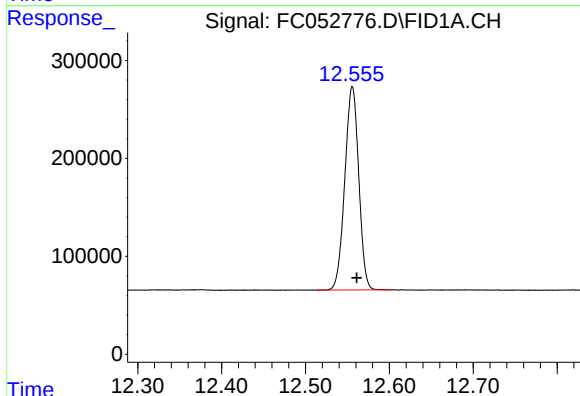
R.T.: 11.247 min
Delta R.T.: -0.005 min
Response: 2489040
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

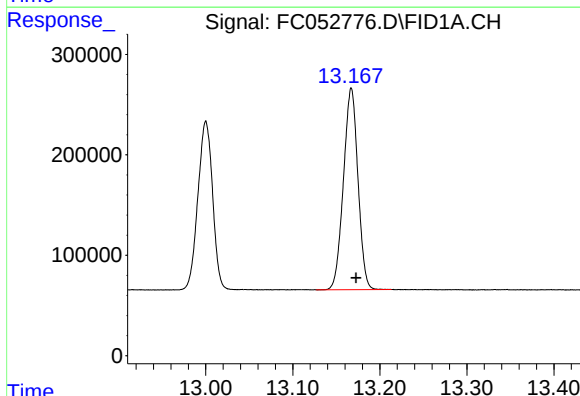
R.T.: 11.562 min
Delta R.T.: -0.006 min
Response: 2527336
Conc: 18.85 ug/ml

Instrument :
FID_C
ClientSampleId :



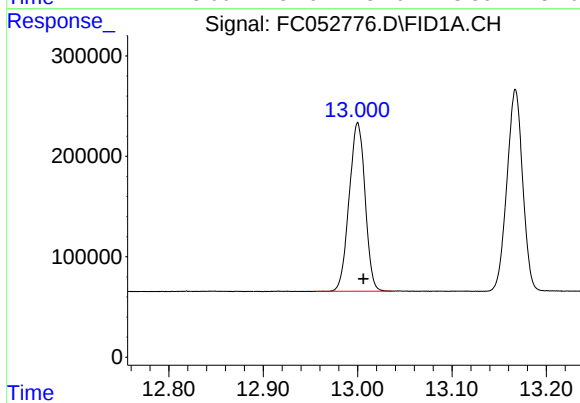
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.005 min
Response: 2398725
Conc: 18.78 ug/ml



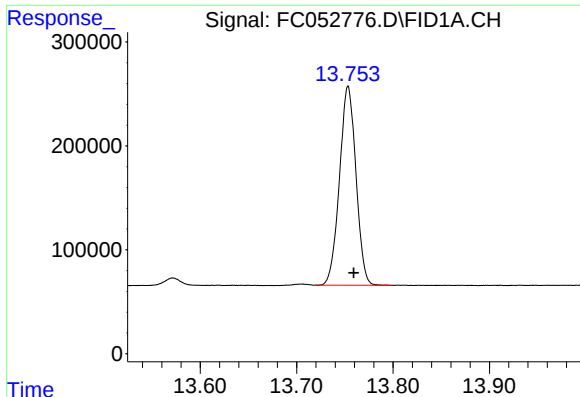
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.005 min
Response: 2324202
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

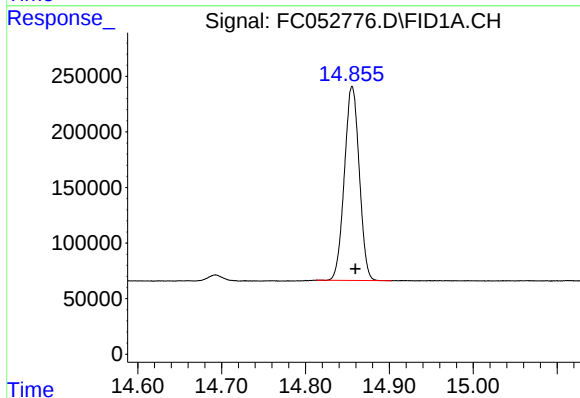
R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 1967569
Conc: 18.24 ug/ml



#13 n-Docosane (C22)

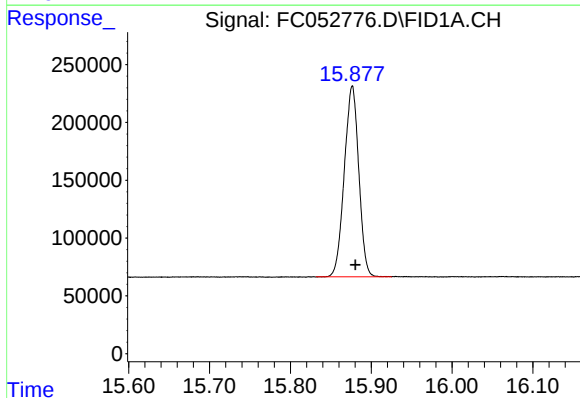
R.T.: 13.753 min
Delta R.T.: -0.006 min
Response: 2270036
Conc: 17.92 ug/ml

Instrument :
FID_C
ClientSampleId :



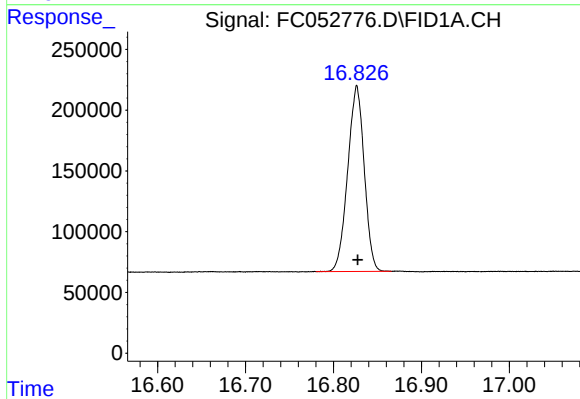
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.004 min
Response: 2155053
Conc: 17.25 ug/ml



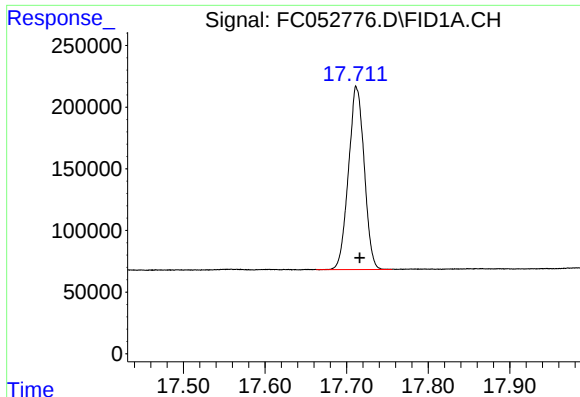
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 2053383
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

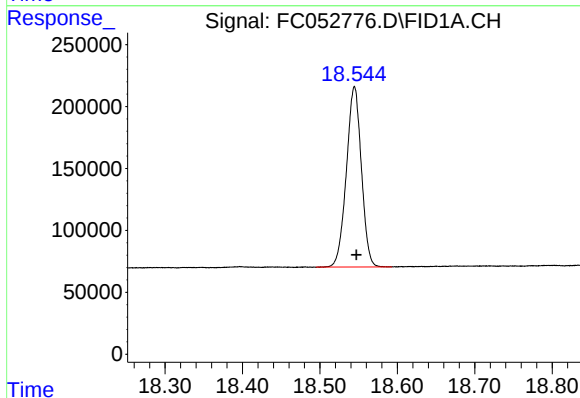
R.T.: 16.827 min
Delta R.T.: -0.001 min
Response: 1994313
Conc: 17.30 ug/ml



#17 n-Tricontane (C30)

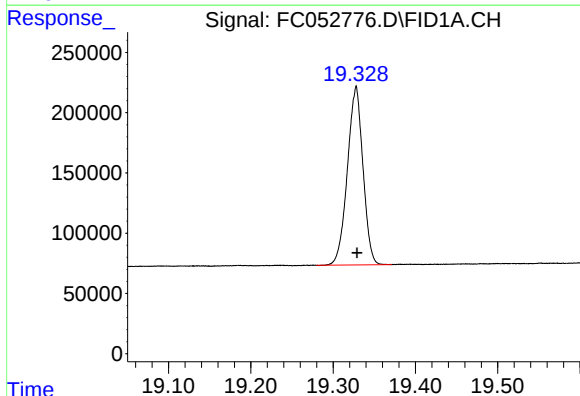
R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 1986682
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :



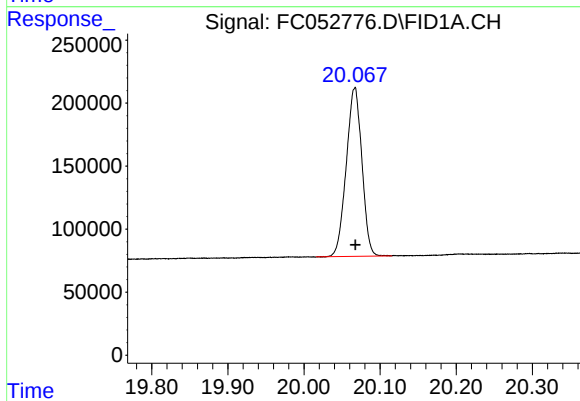
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 1957448
Conc: 19.51 ug/ml



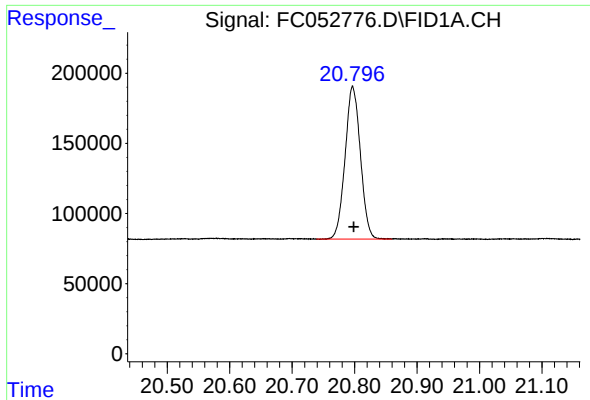
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.001 min
Response: 1945302
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

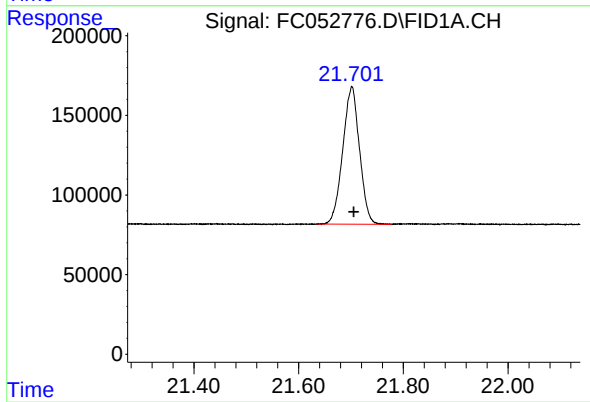
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1910896
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 1854711
Conc: 22.73 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 1918639
Conc: 22.27 ug/ml