

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041621AL\
 Data File : FC053220.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2021 12:23
 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: Apr 16 21:17:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.553	2636762	18.251 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	12.993	2084220	18.039 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
Target Compounds			
1) T n-Nonane (C9)	3.307	2447283	19.553 ug/ml
2) T n-Decane (C10)	4.373	2471612	19.633 ug/ml
3) T A~Naphthalene (C11.7)	5.958	2711580	19.466 ug/ml
4) T n-Dodecane (C12)	6.393	2541011	19.840 ug/ml
5) T A~2-methylnaphthalene...	7.016	2764729	19.558 ug/ml
6) T n-Tetradecane (C14)	8.191	2534921	19.701 ug/ml
7) T n-Hexadecane (C16)	9.793	2483570	19.425 ug/ml
8) T n-Octadecane (C18)	11.238	2542617	18.801 ug/ml
10) T n-Eicosane (C20)	12.549	2505013	18.237 ug/ml
11) T n-Heneicosane (C21)	13.161	2460823	17.910 ug/ml
13) T n-Docosane (C22)	13.748	2410528	17.488 ug/ml
14) T n-Tetracosane (C24)	14.851	2311158	16.762 ug/ml
15) T n-Hexacosane (C26)	15.872	2167509	15.984 ug/ml
16) T n-Octacosane (C28)	16.824	2069743	15.528 ug/ml
17) T n-Tricontane (C30)	17.711	1976037	15.397 ug/ml
18) T n-Dotriacontane (C32)	18.545	1905646	15.951 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1888917	17.056 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1856444	18.397 ug/ml
21) T n-Octatriacontane (C38)	20.801	1815103	20.374 ug/ml
22) T n-Tetracontane (C40)	21.703	1894544	23.666 ug/ml

(f)=RT Delta > 1/2 Window

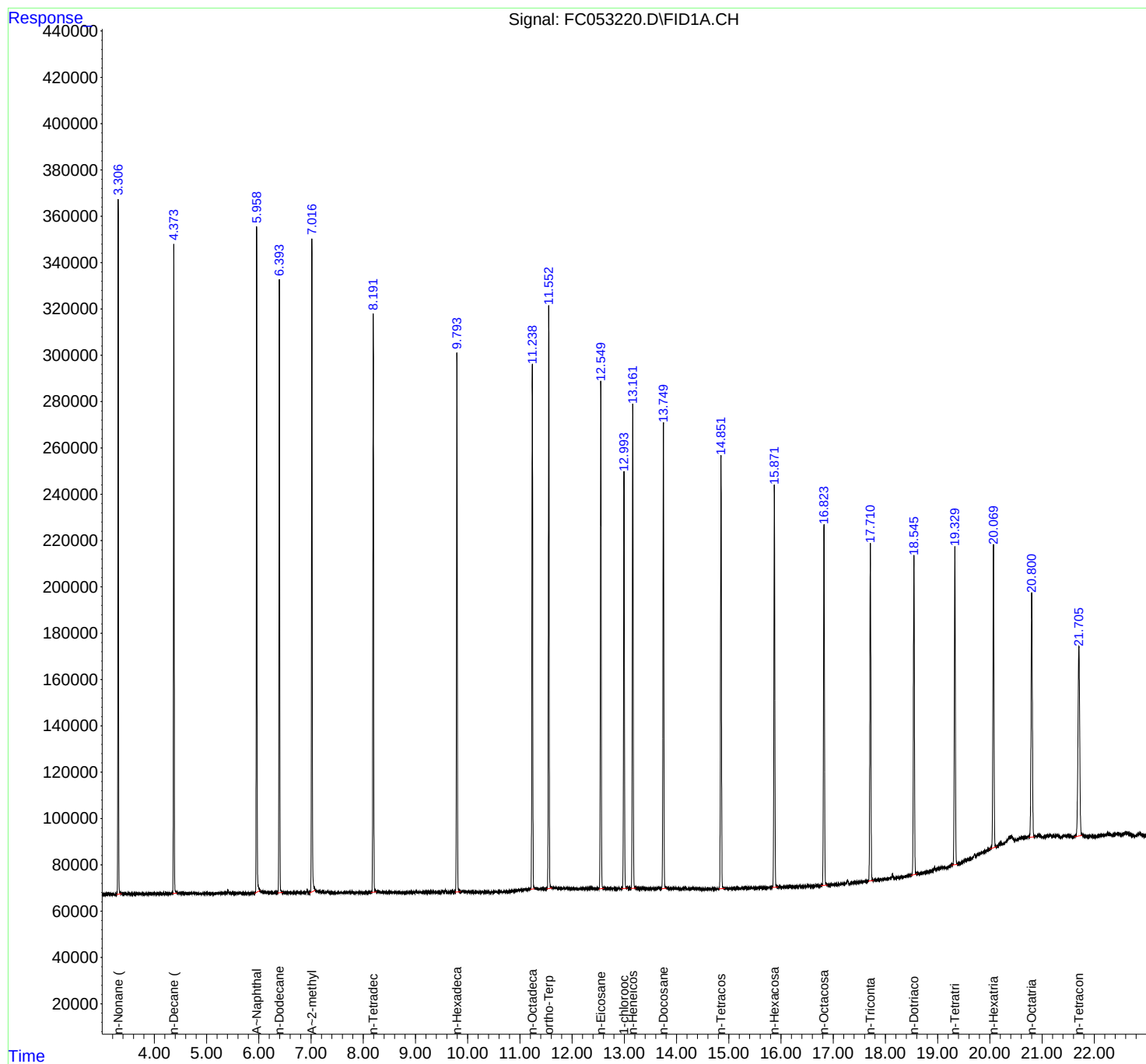
(m)=manual int.

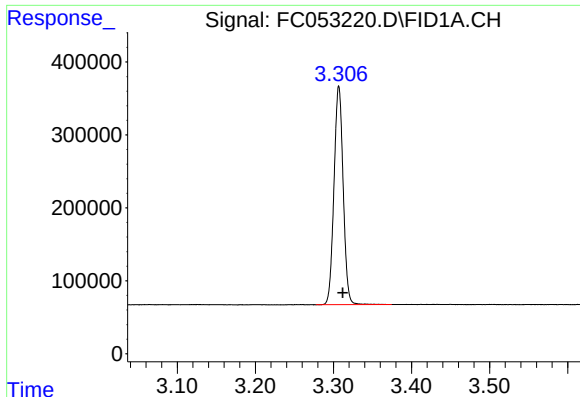
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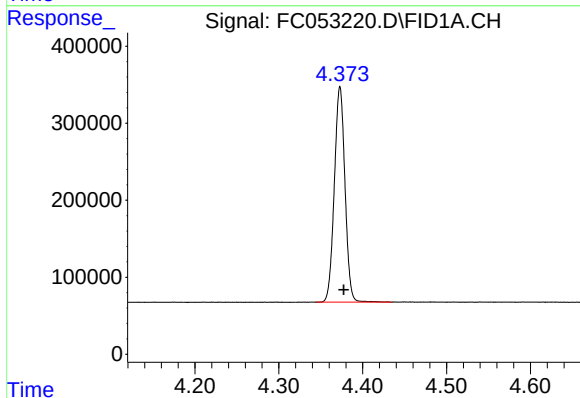




#1 n-Nonane (C9)

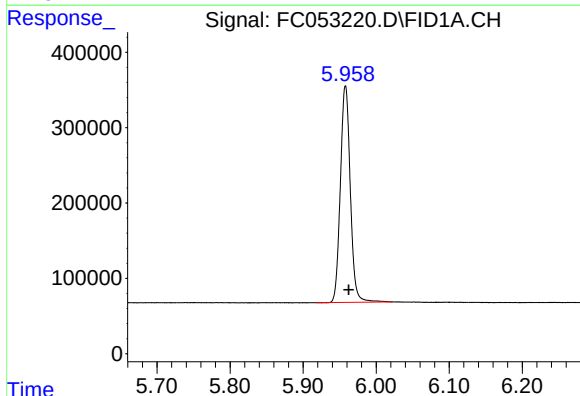
R.T.: 3.307 min
Delta R.T.: -0.005 min
Response: 2447283
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :



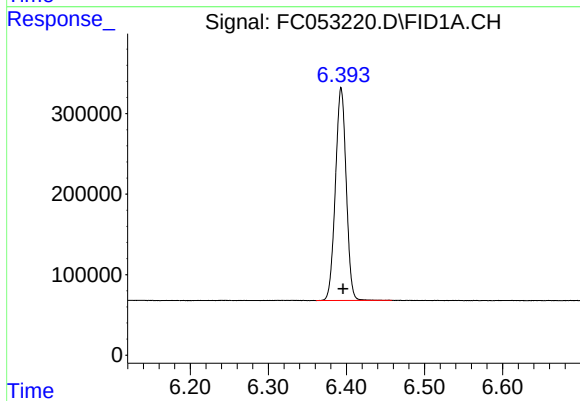
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.005 min
Response: 2471612
Conc: 19.63 ug/ml



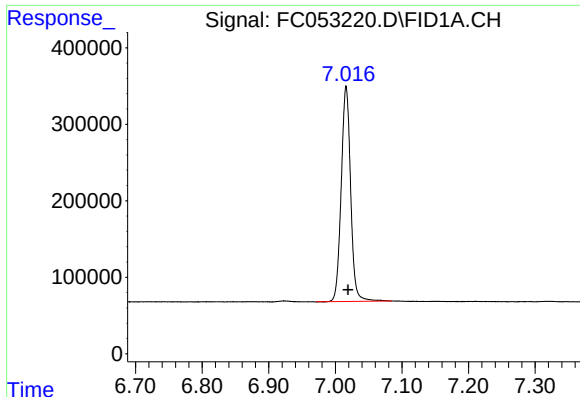
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 2711580
Conc: 19.47 ug/ml



#4 n-Dodecane (C12)

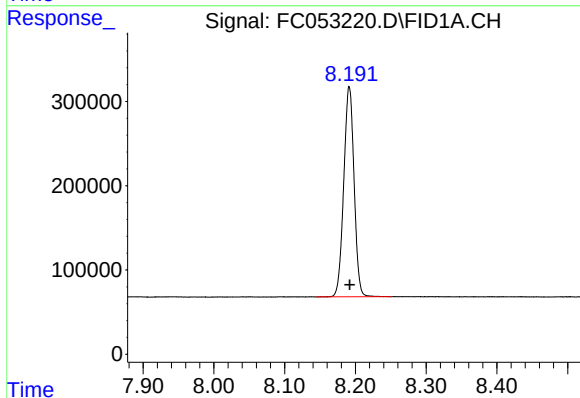
R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 2541011
Conc: 19.84 ug/ml



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

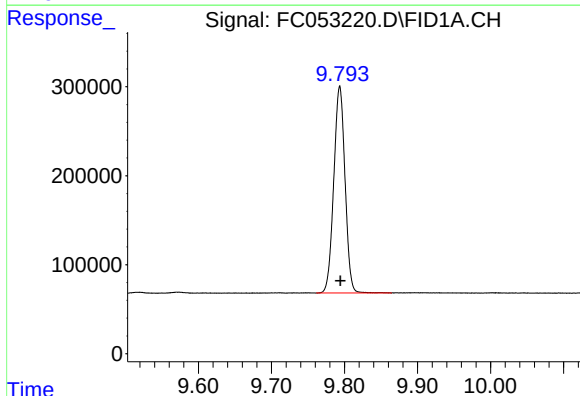
R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 2764729
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



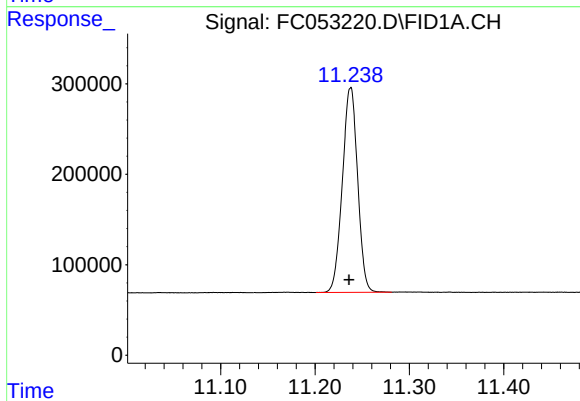
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 2534921
Conc: 19.70 ug/ml



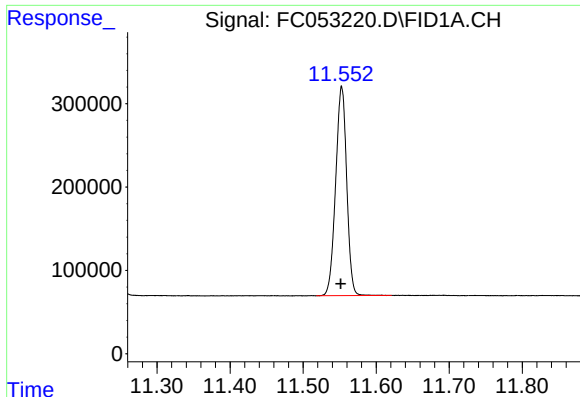
#7 n-Hexadecane (C16)

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 2483570
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

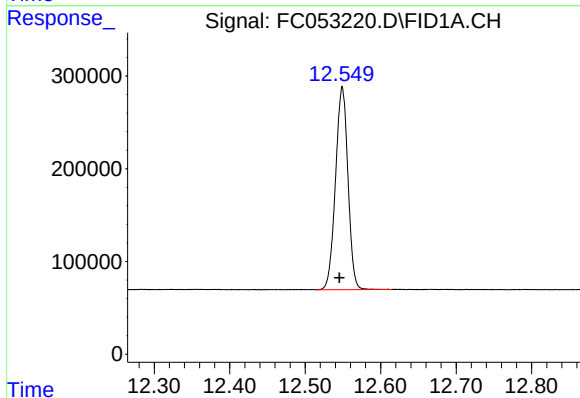
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2542617
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

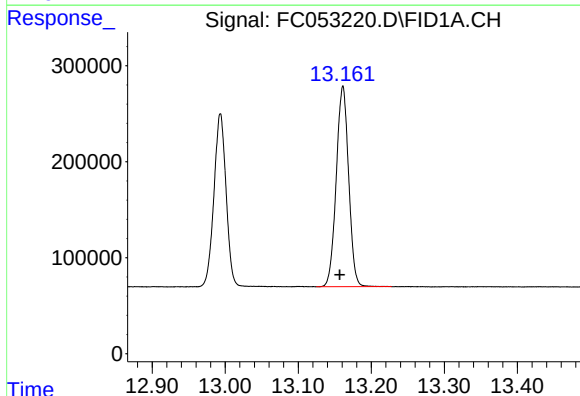
R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 2636762
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :



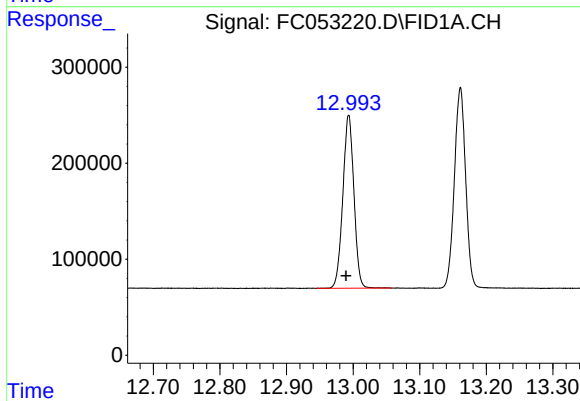
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: 0.004 min
Response: 2505013
Conc: 18.24 ug/ml



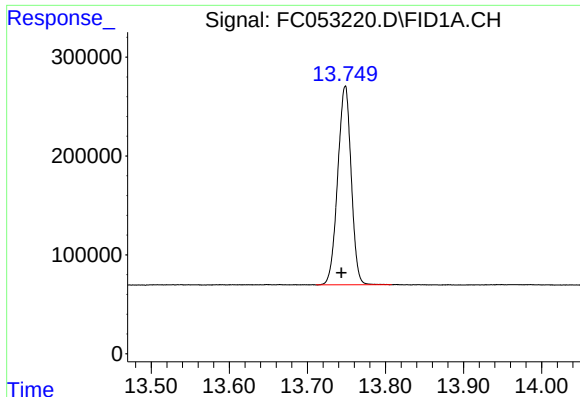
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: 0.004 min
Response: 2460823
Conc: 17.91 ug/ml



#12 1-chlorooctadecane (SURR)

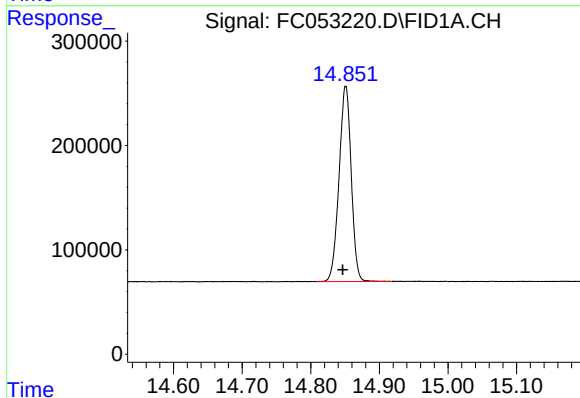
R.T.: 12.993 min
Delta R.T.: 0.004 min
Response: 2084220
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

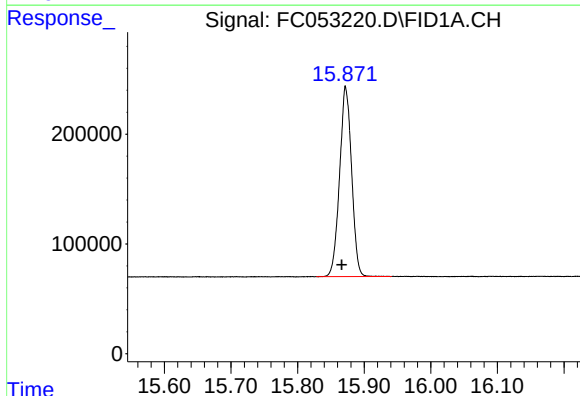
R.T.: 13.748 min
Delta R.T.: 0.005 min
Response: 2410528
Conc: 17.49 ug/ml

Instrument :
FID_C
ClientSampleId :



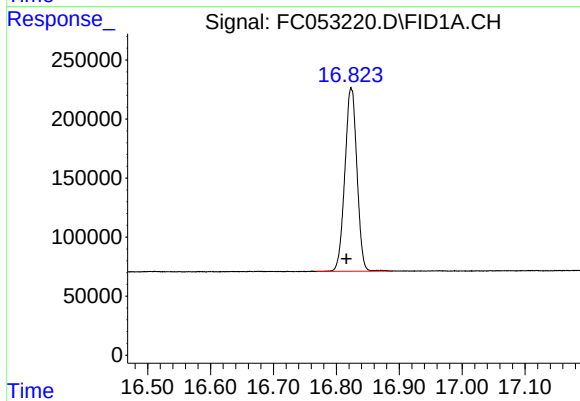
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.004 min
Response: 2311158
Conc: 16.76 ug/ml



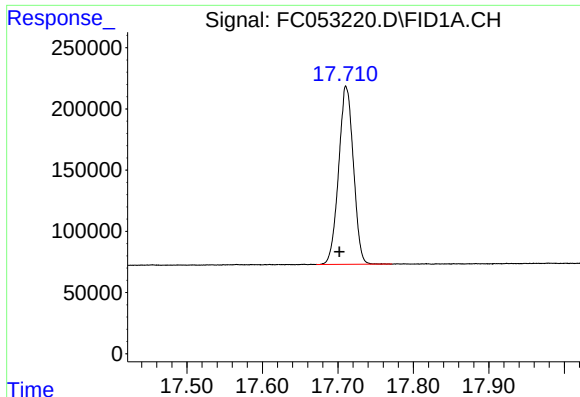
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.006 min
Response: 2167509
Conc: 15.98 ug/ml



#16 n-Octacosane (C28)

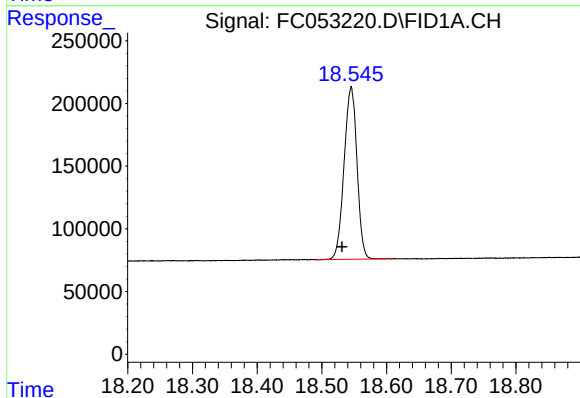
R.T.: 16.824 min
Delta R.T.: 0.007 min
Response: 2069743
Conc: 15.53 ug/ml



#17 n-Tricontane (C30)

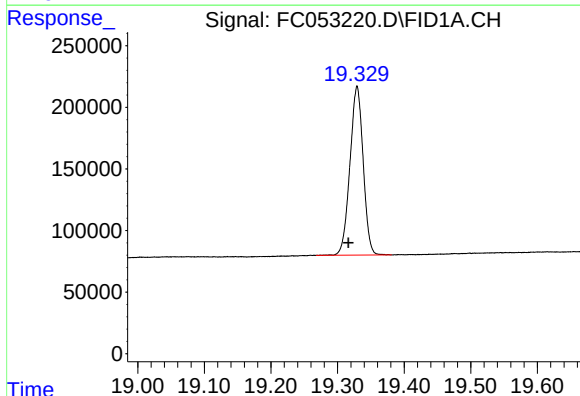
R.T.: 17.711 min
Delta R.T.: 0.009 min
Response: 1976037
Conc: 15.40 ug/ml

Instrument :
FID_C
ClientSampleId :



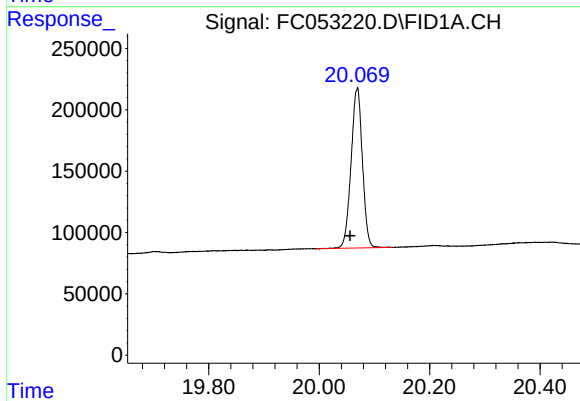
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.014 min
Response: 1905646
Conc: 15.95 ug/ml



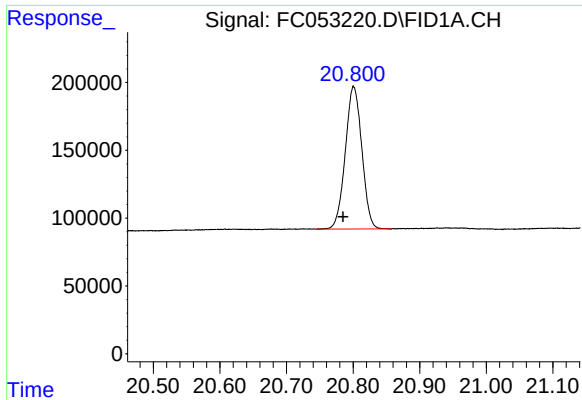
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.013 min
Response: 1888917
Conc: 17.06 ug/ml



#20 n-Hexatriacontane (C36)

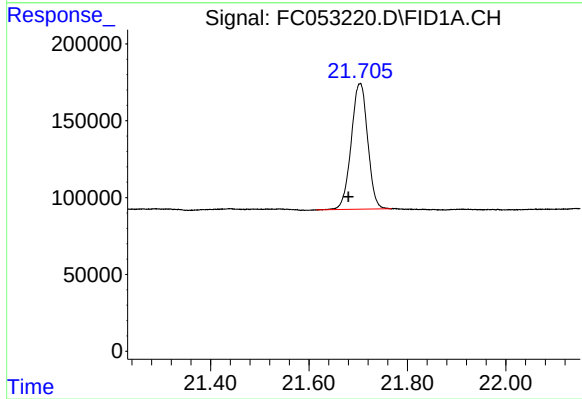
R.T.: 20.069 min
Delta R.T.: 0.013 min
Response: 1856444
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.016 min
Response: 1815103
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: 0.023 min
Response: 1894544
Conc: 23.67 ug/ml