

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041521AL\
 Data File : FC053206.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2021 3:27
 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 07:56:15 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)	11.552	2696193	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	12.992	2131719	18.450 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.307	2497233	19.952 ug/ml
2) T n-Decane (C10)	4.373	2528393	20.084 ug/ml
3) T A~Naphthalene (C11.7)	5.958	2775774	19.927 ug/ml
4) T n-Dodecane (C12)	6.394	2593760	20.252 ug/ml
5) T A~2-methylnaphthalene...	7.016	2820952	19.956 ug/ml
6) T n-Tetradecane (C14)	8.191	2589964	20.129 ug/ml
7) T n-Hexadecane (C16)	9.794	2538607	19.855 ug/ml
8) T n-Octadecane (C18)	11.237	2611801	19.312 ug/ml
10) T n-Eicosane (C20)	12.548	2566569	18.686 ug/ml
11) T n-Heneicosane (C21)	13.159	2524655	18.374 ug/ml
13) T n-Docosane (C22)	13.747	2471468	17.930 ug/ml
14) T n-Tetracosane (C24)	14.850	2357992	17.102 ug/ml
15) T n-Hexacosane (C26)	15.872	2223179	16.395 ug/ml
16) T n-Octacosane (C28)	16.823	2112911	15.852 ug/ml
17) T n-Tricontane (C30)	17.711	2028890	15.809 ug/ml
18) T n-Dotriacontane (C32)	18.544	1956008	16.372 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1926484	17.395 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1885383	18.684 ug/ml
21) T n-Octatriacontane (C38)	20.800	1826036	20.496 ug/ml
22) T n-Tetracontane (C40)	21.701	1896354	23.688 ug/ml

(f)=RT Delta > 1/2 Window

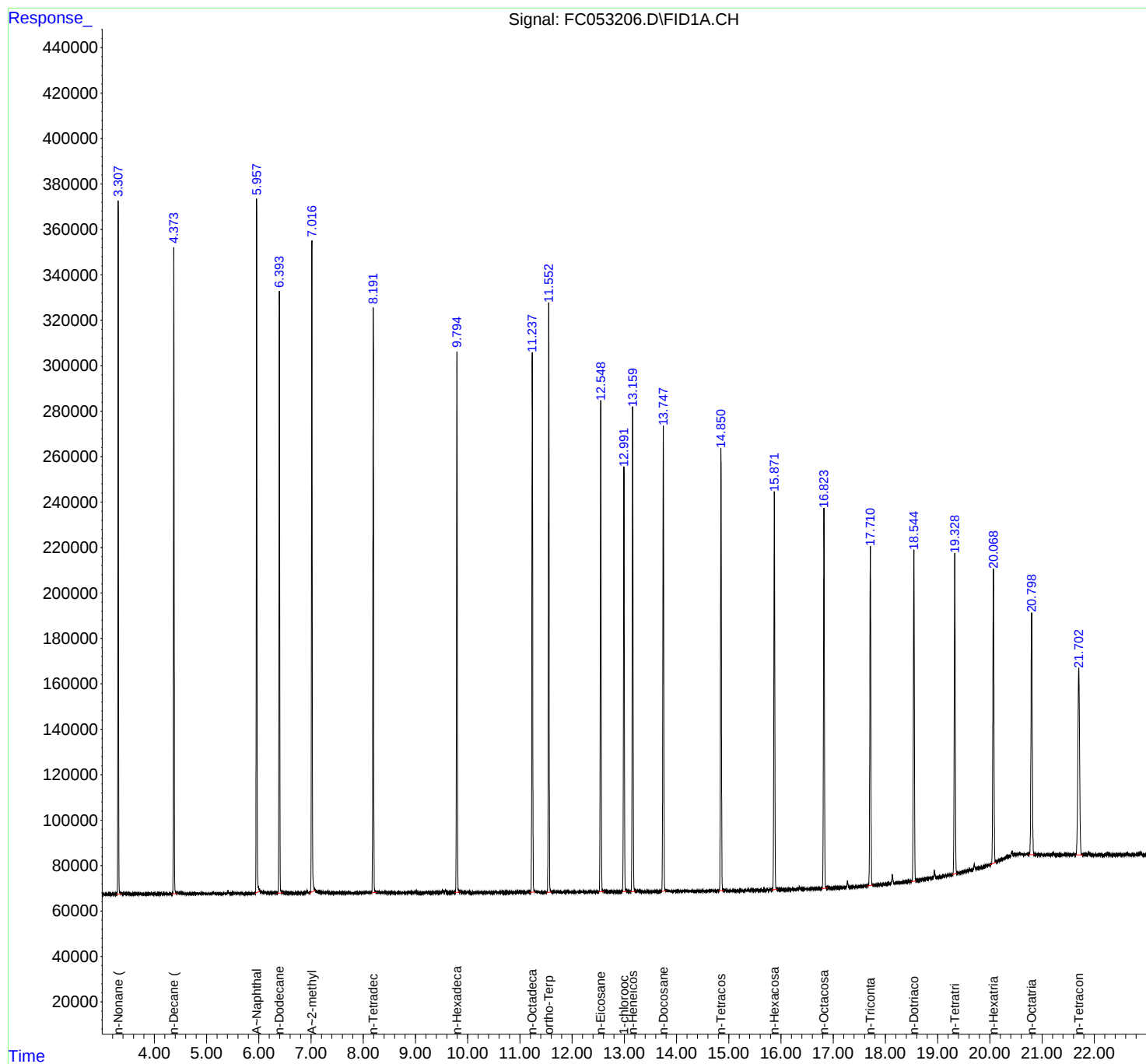
(m)=manual int.

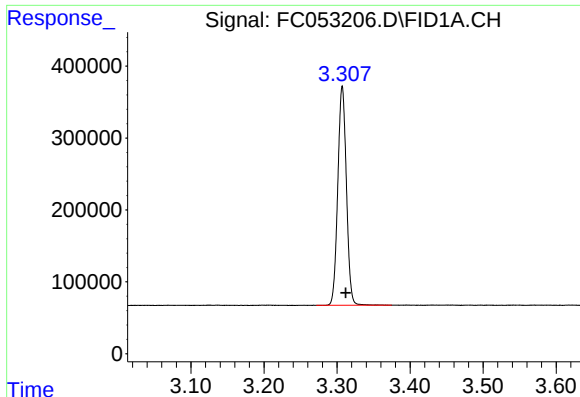
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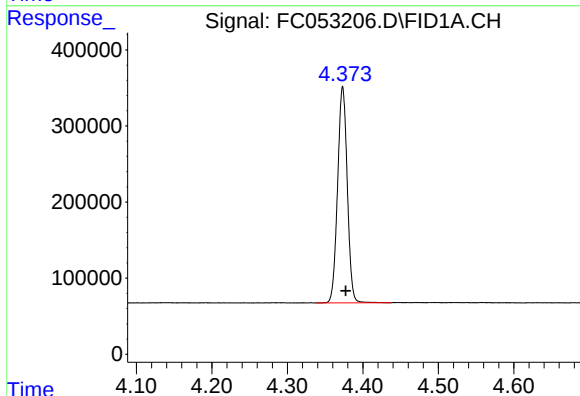




#1 n-Nonane (C9)

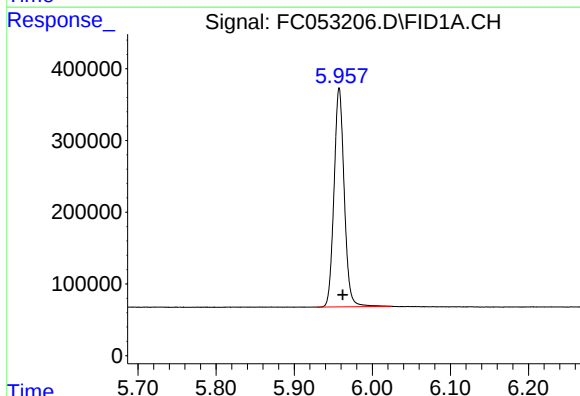
R.T.: 3.307 min
Delta R.T.: -0.005 min
Response: 2497233
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :



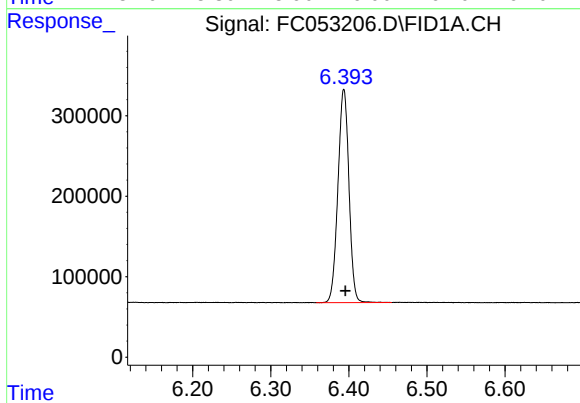
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 2528393
Conc: 20.08 ug/ml



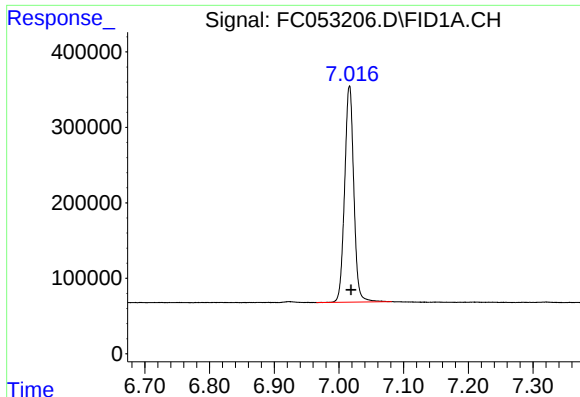
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.005 min
Response: 2775774
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

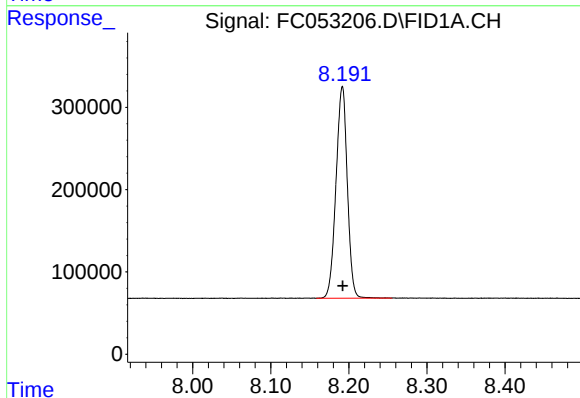
R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 2593760
Conc: 20.25 ug/ml



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

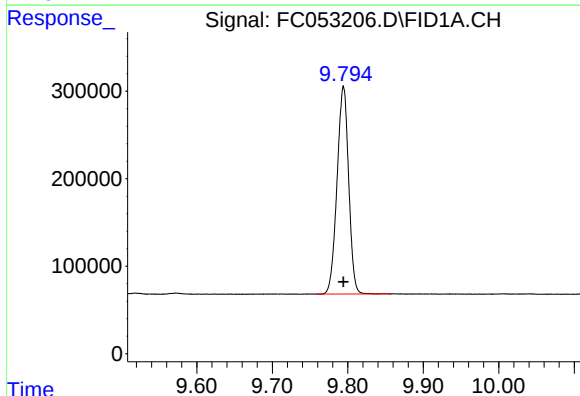
R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 2820952
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :



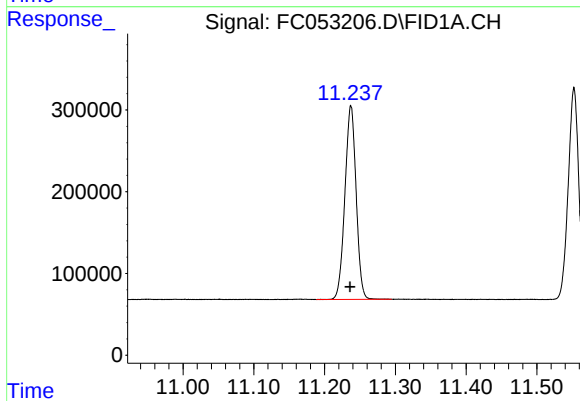
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 2589964
Conc: 20.13 ug/ml



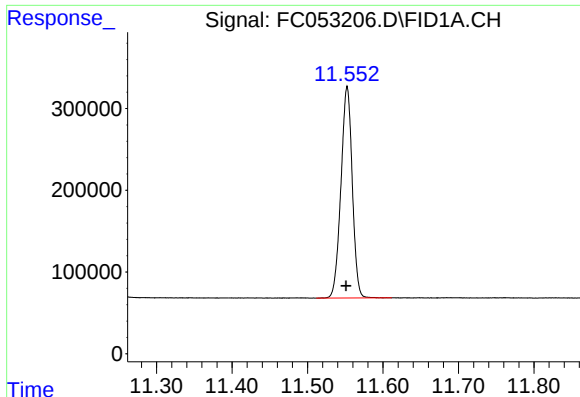
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2538607
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

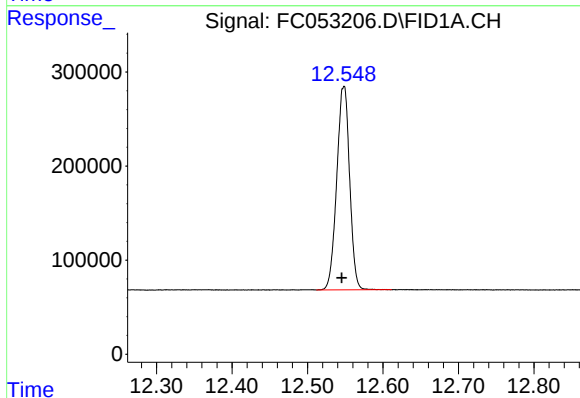
R.T.: 11.237 min
Delta R.T.: 0.001 min
Response: 2611801
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

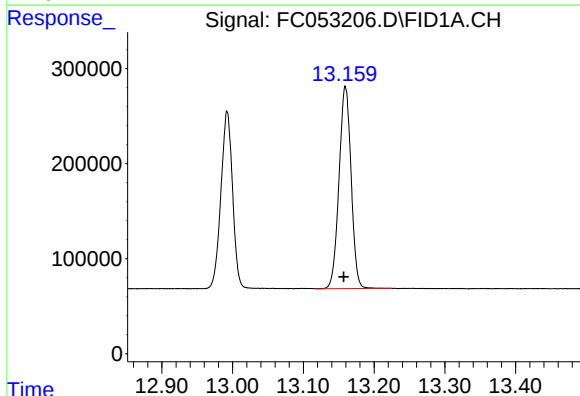
R.T.: 11.552 min
Delta R.T.: 0.001 min
Response: 2696193
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :



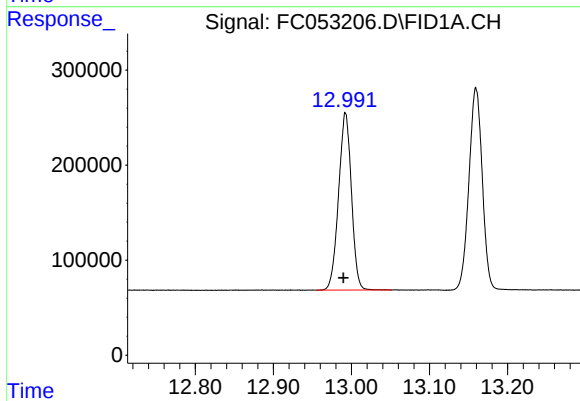
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 2566569
Conc: 18.69 ug/ml



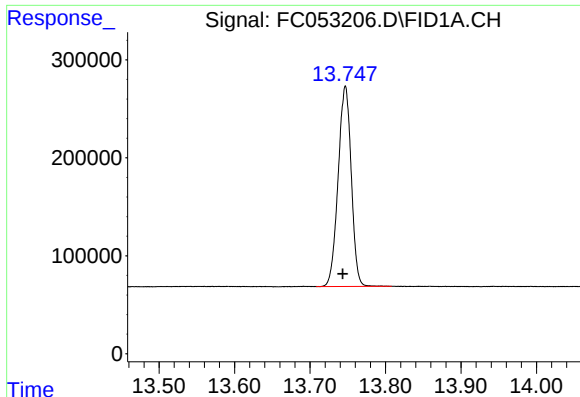
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.002 min
Response: 2524655
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

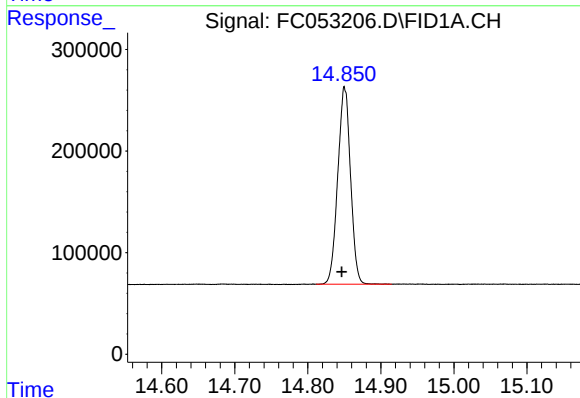
R.T.: 12.992 min
Delta R.T.: 0.003 min
Response: 2131719
Conc: 18.45 ug/ml



#13 n-Docosane (C22)

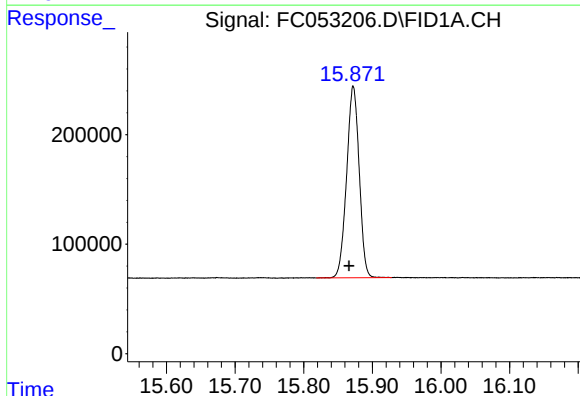
R.T.: 13.747 min
Delta R.T.: 0.003 min
Response: 2471468
Conc: 17.93 ug/ml

Instrument :
FID_C
ClientSampleId :



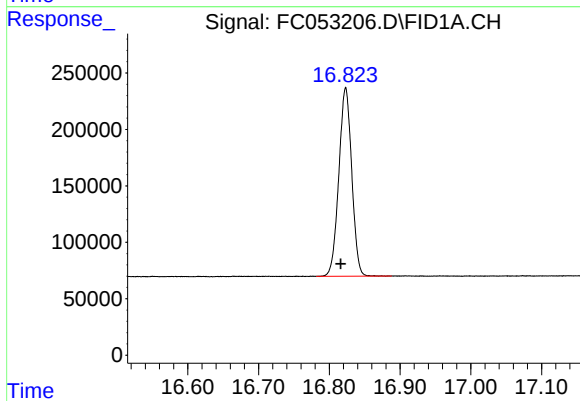
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.004 min
Response: 2357992
Conc: 17.10 ug/ml



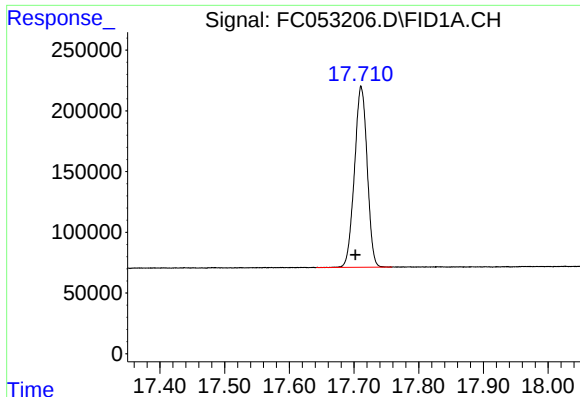
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.006 min
Response: 2223179
Conc: 16.39 ug/ml



#16 n-Octacosane (C28)

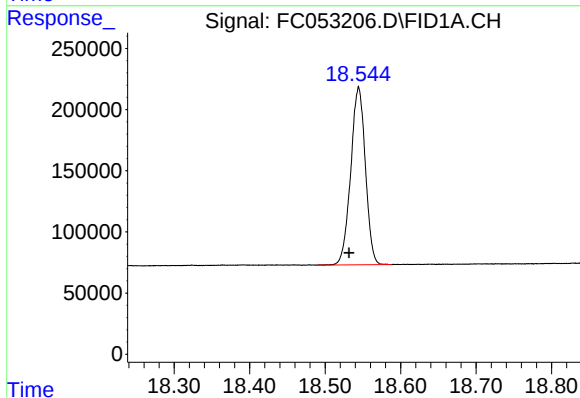
R.T.: 16.823 min
Delta R.T.: 0.007 min
Response: 2112911
Conc: 15.85 ug/ml



#17 n-Tricontane (C30)

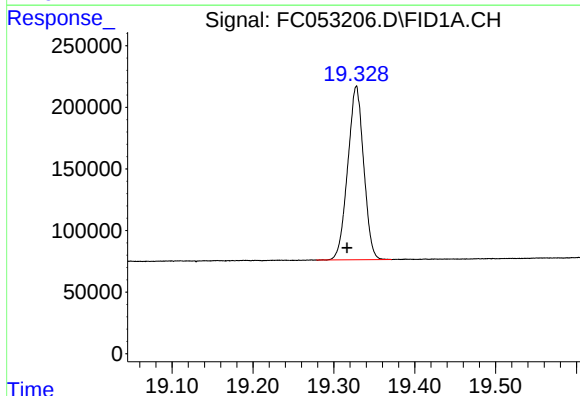
R.T.: 17.711 min
Delta R.T.: 0.009 min
Response: 2028890
Conc: 15.81 ug/ml

Instrument :
FID_C
ClientSampleId :



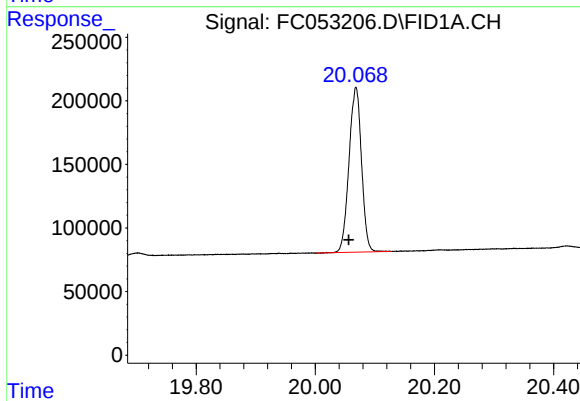
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.013 min
Response: 1956008
Conc: 16.37 ug/ml



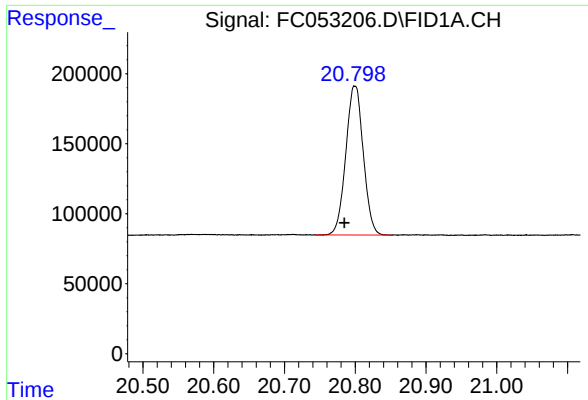
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.011 min
Response: 1926484
Conc: 17.39 ug/ml



#20 n-Hexatriacontane (C36)

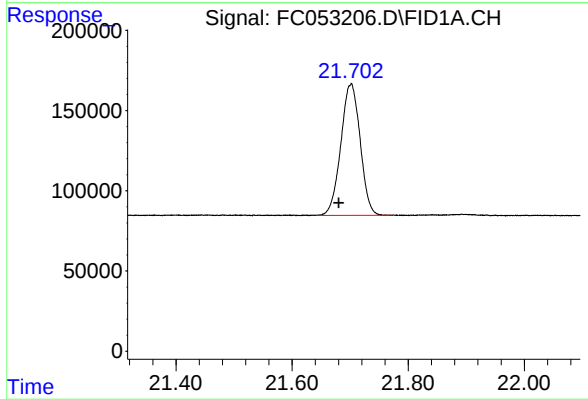
R.T.: 20.068 min
Delta R.T.: 0.012 min
Response: 1885383
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.015 min
Response: 1826036
Conc: 20.50 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: 0.021 min
Response: 1896354
Conc: 23.69 ug/ml