

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040221AL\
 Data File : FC052946.D
 Signal(s) : FID1A.CH
 Acq On : 03 Apr 2021 3:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 03 06:15:47 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)	11.557	2411242	17.989 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	12.995	1861549	17.259 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
Target Compounds			
1) T n-Nonane (C9)	3.316	2433799	20.954 ug/ml
2) T n-Decane (C10)	4.382	2465095	21.036 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2704507	20.657 ug/ml
4) T n-Dodecane (C12)	6.401	2511512	20.918 ug/ml
5) T A~2-methylnaphthalene...	7.025	2745046	20.507 ug/ml
6) T n-Tetradecane (C14)	8.197	2470035	20.423 ug/ml
7) T n-Hexadecane (C16)	9.798	2373020	19.731 ug/ml
8) T n-Octadecane (C18)	11.241	2379307	18.858 ug/ml
10) T n-Eicosane (C20)	12.551	2276854	17.831 ug/ml
11) T n-Heneicosane (C21)	13.162	2199512	17.304 ug/ml
13) T n-Docosane (C22)	13.749	2150927	16.979 ug/ml
14) T n-Tetracosane (C24)	14.852	2053295	16.437 ug/ml
15) T n-Hexacosane (C26)	15.873	1987650	16.507 ug/ml
16) T n-Octacosane (C28)	16.822	1962018	17.017 ug/ml
17) T n-Tricontane (C30)	17.711	1955833	17.952 ug/ml
18) T n-Dotriacontane (C32)	18.543	1943585	19.370 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1925750	20.950 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1895086	20.782 ug/ml
21) T n-Octatriacontane (C38)	20.796	1825091	22.362 ug/ml
22) T n-Tetracontane (C40)	21.697	1895066	22.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```

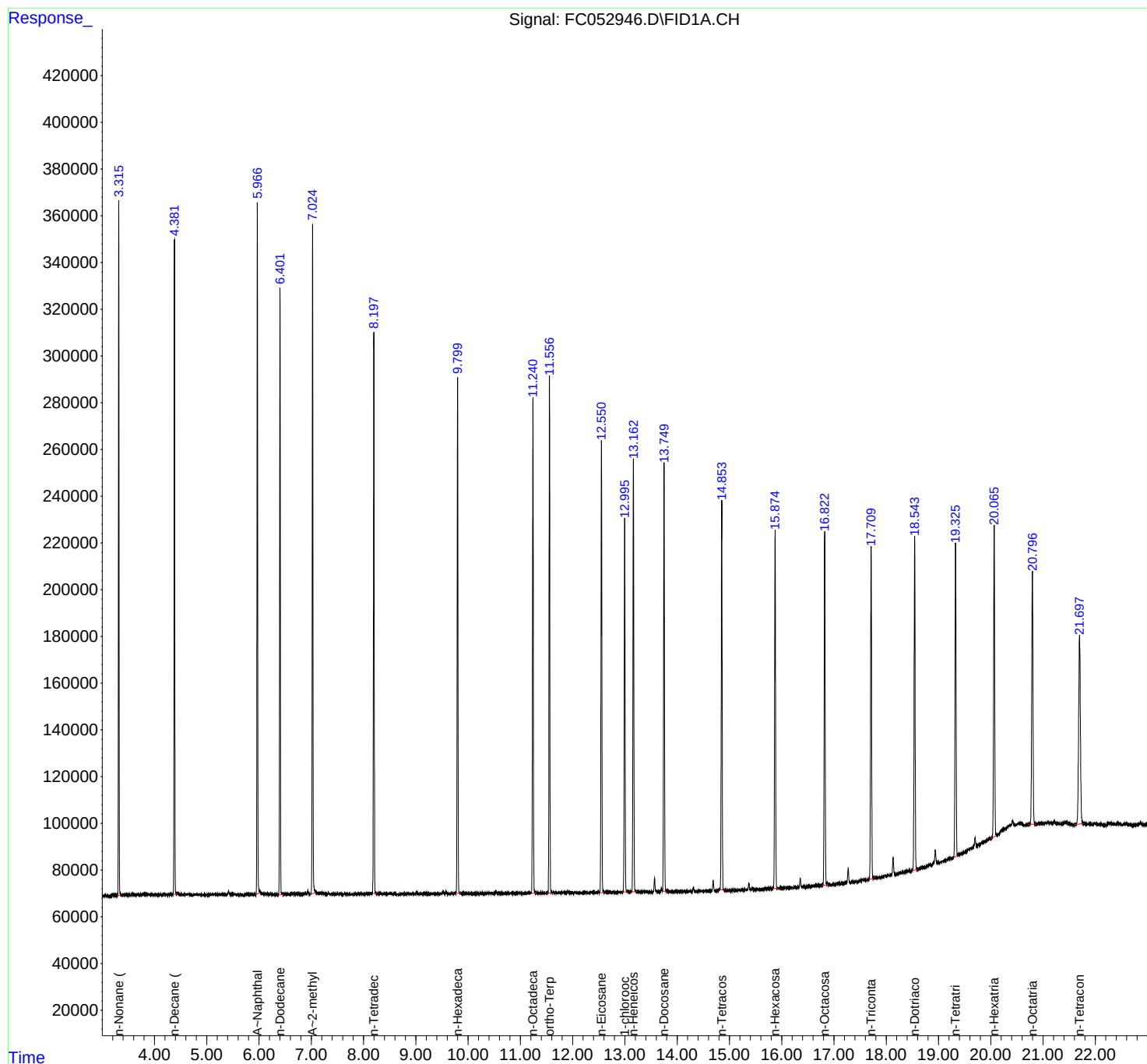
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040221AL\
Data File : FC052946.D
Signal(s) : FID1A.CH
Acq On    : 03 Apr 2021    3:57
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Sample    : 20 PPM ALIPHATIC HC STD
Misc      :
ALS Vial  : 2    Sample Multiplier: 1

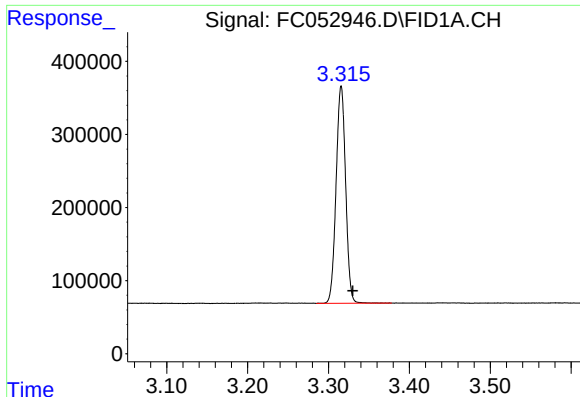
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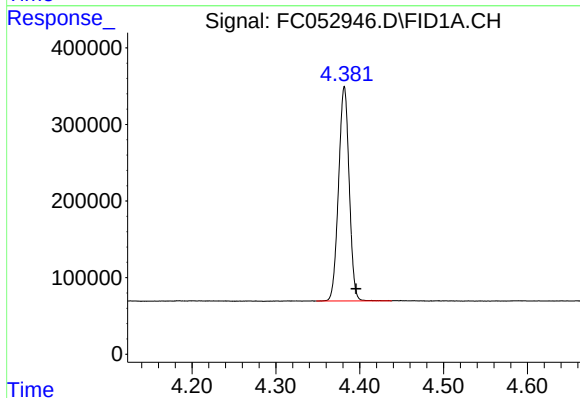




#1 n-Nonane (C9)

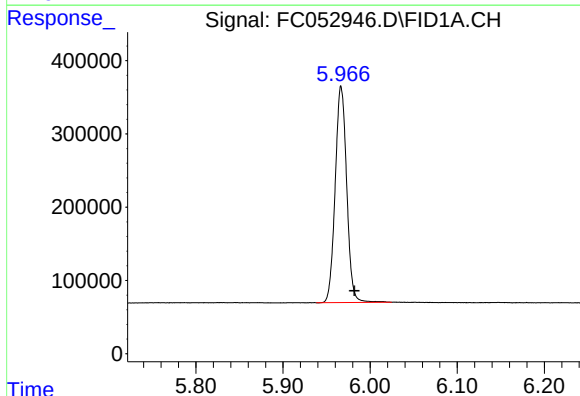
R.T.: 3.316 min
Delta R.T.: -0.014 min
Response: 2433799
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



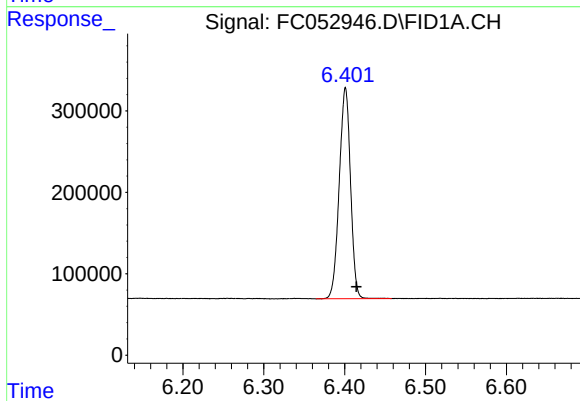
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.014 min
Response: 2465095
Conc: 21.04 ug/ml



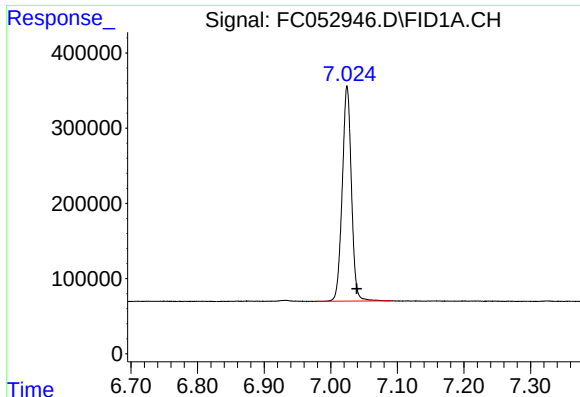
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2704507
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

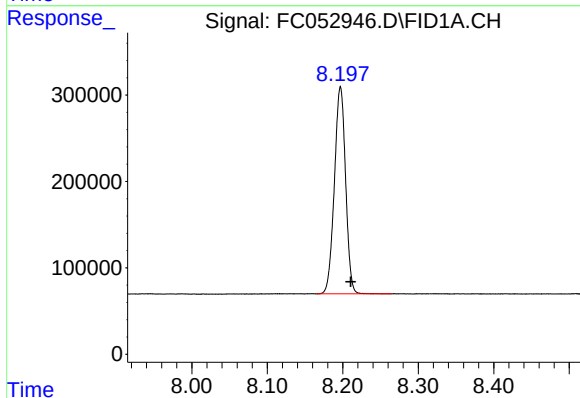
R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 2511512
Conc: 20.92 ug/ml



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

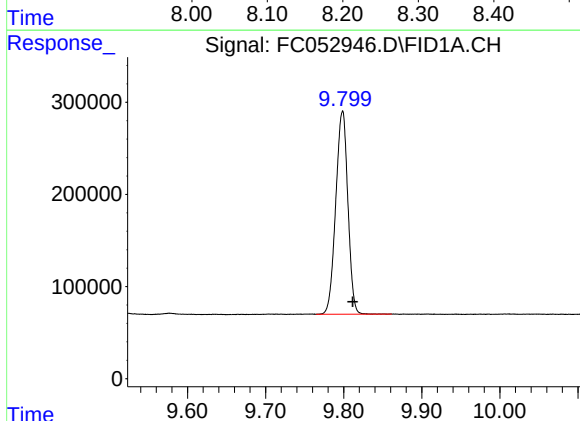
R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 2745046
Conc: 20.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



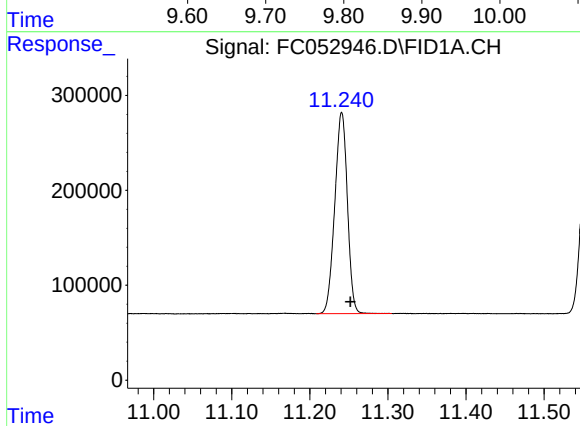
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.014 min
Response: 2470035
Conc: 20.42 ug/ml



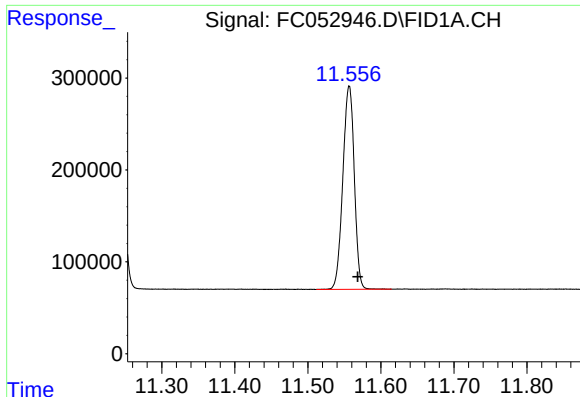
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.013 min
Response: 2373020
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

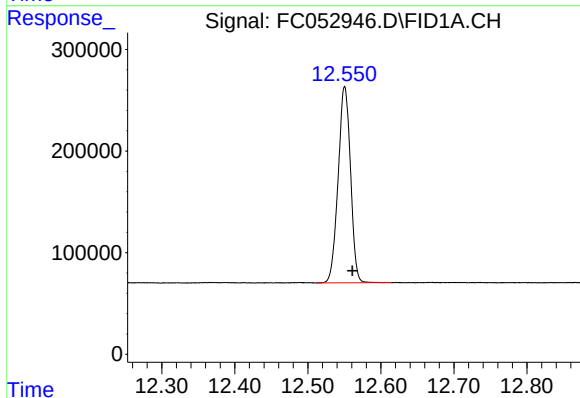
R.T.: 11.241 min
Delta R.T.: -0.011 min
Response: 2379307
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

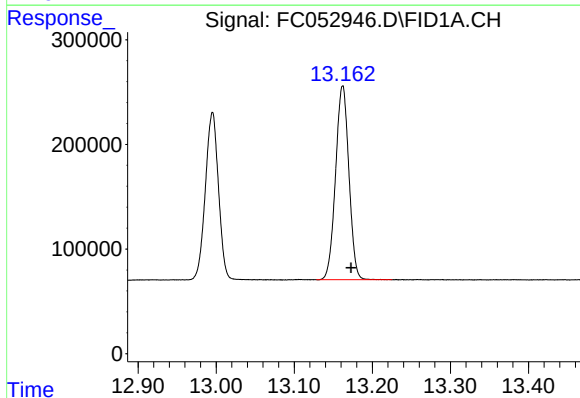
R.T.: 11.557 min
Delta R.T.: -0.012 min
Response: 2411242
Conc: 17.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



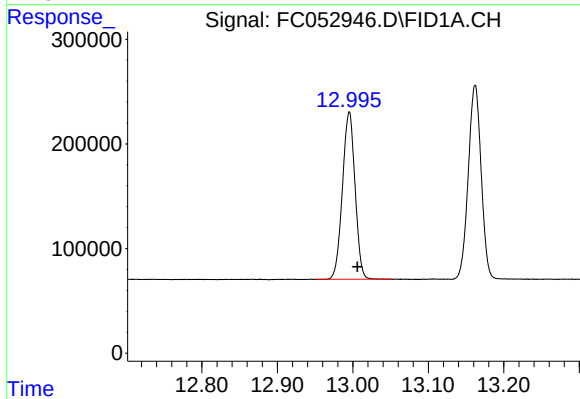
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.011 min
Response: 2276854
Conc: 17.83 ug/ml



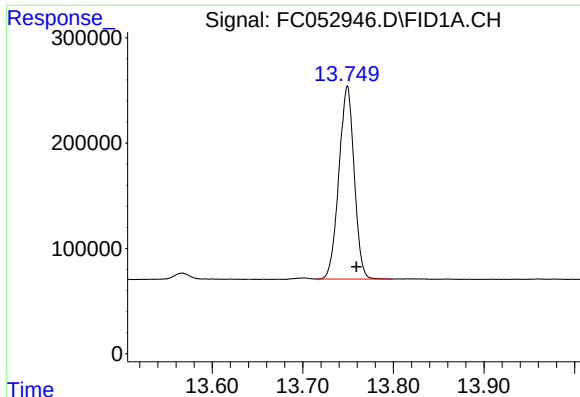
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.011 min
Response: 2199512
Conc: 17.30 ug/ml



#12 1-chlorooctadecane (SURR)

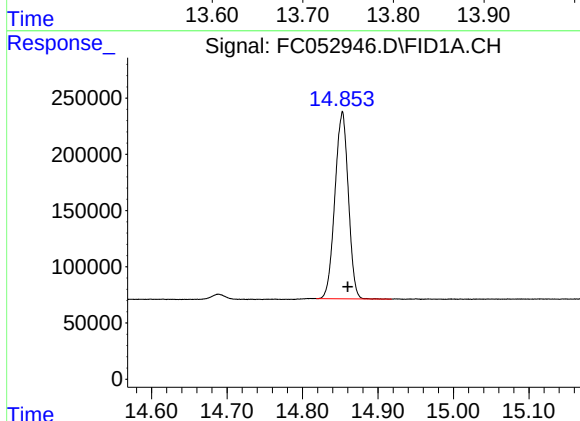
R.T.: 12.995 min
Delta R.T.: -0.011 min
Response: 1861549
Conc: 17.26 ug/ml



#13 n-Docosane (C22)

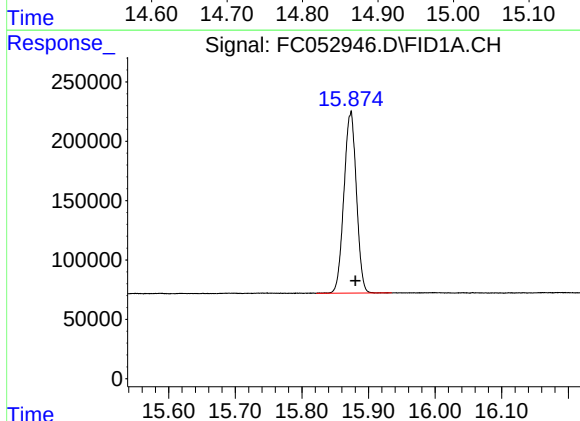
R.T.: 13.749 min
Delta R.T.: -0.010 min
Response: 2150927
Conc: 16.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



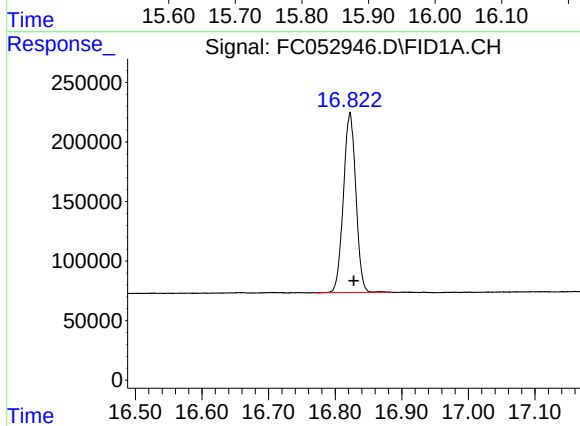
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.007 min
Response: 2053295
Conc: 16.44 ug/ml



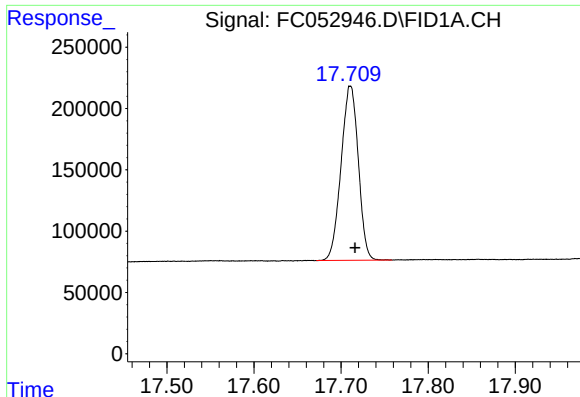
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 1987650
Conc: 16.51 ug/ml



#16 n-Octacosane (C28)

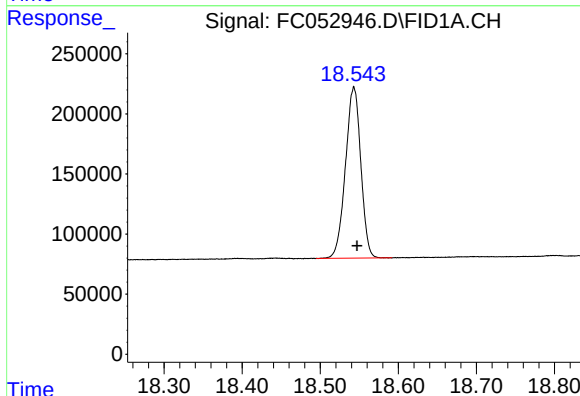
R.T.: 16.822 min
Delta R.T.: -0.006 min
Response: 1962018
Conc: 17.02 ug/ml



#17 n-Tricontane (C30)

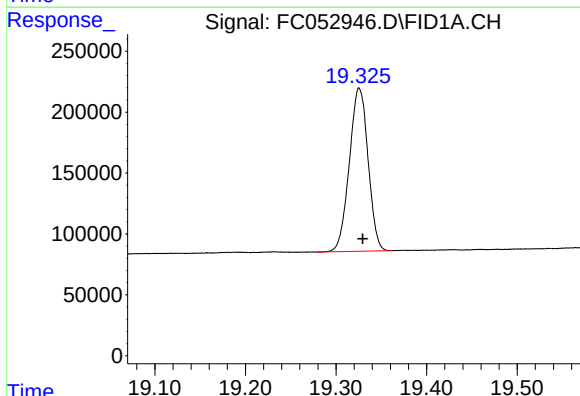
R.T.: 17.711 min
Delta R.T.: -0.005 min
Response: 1955833
Conc: 17.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



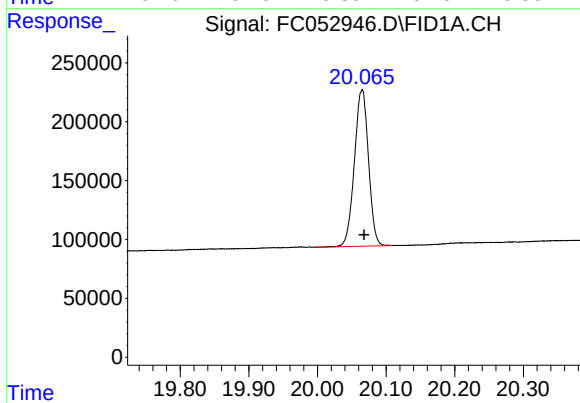
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.004 min
Response: 1943585
Conc: 19.37 ug/ml



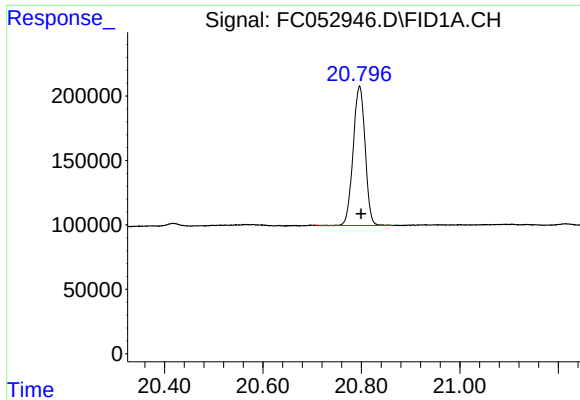
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.004 min
Response: 1925750
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

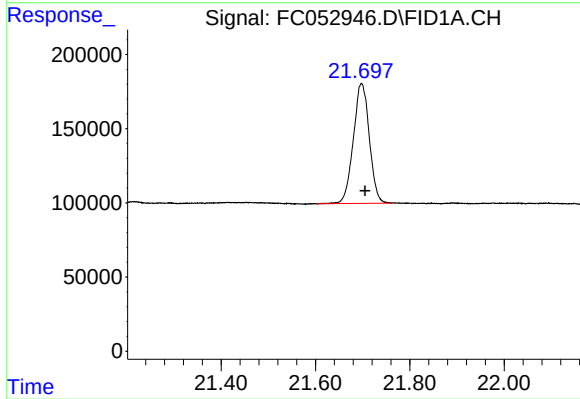
R.T.: 20.065 min
Delta R.T.: -0.003 min
Response: 1895086
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.003 min
Response: 1825091
Conc: 22.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.008 min
Response: 1895066
Conc: 22.00 ug/ml