

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031821AL\
 Data File : FC052511.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2021 15:13
 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 19 01:40:10 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)	11.569	2890283	21.563 ug/ml
Spiked Amount 50.000		Recovery =	43.13%
12) S 1-chlorooctadecane (S...	13.006	2317568	21.487 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
Target Compounds			
1) T n-Nonane (C9)	3.328	2512403	21.631 ug/ml
2) T n-Decane (C10)	4.394	2546291	21.729 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2833331	21.641 ug/ml
4) T n-Dodecane (C12)	6.413	2617157	21.798 ug/ml
5) T A~2-methylnaphthalene...	7.036	2917496	21.795 ug/ml
6) T n-Tetradecane (C14)	8.209	2646109	21.878 ug/ml
7) T n-Hexadecane (C16)	9.810	2626162	21.835 ug/ml
8) T n-Octadecane (C18)	11.252	2744556	21.753 ug/ml
10) T n-Eicosane (C20)	12.561	2748424	21.523 ug/ml
11) T n-Heneicosane (C21)	13.172	2730512	21.482 ug/ml
13) T n-Docosane (C22)	13.759	2702342	21.332 ug/ml
14) T n-Tetracosane (C24)	14.861	2632514	21.073 ug/ml
15) T n-Hexacosane (C26)	15.882	2499501	20.758 ug/ml
16) T n-Octacosane (C28)	16.832	2361635	20.484 ug/ml
17) T n-Tricontane (C30)	17.718	2218751	20.365 ug/ml
18) T n-Dotriacontane (C32)	18.548	2055490	20.485 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1928393	20.979 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1874860	20.560 ug/ml
21) T n-Octatriacontane (C38)	20.802	1778159	21.787 ug/ml
22) T n-Tetracontane (C40)	21.706	1876054	21.779 ug/ml

(f)=RT Delta > 1/2 Window

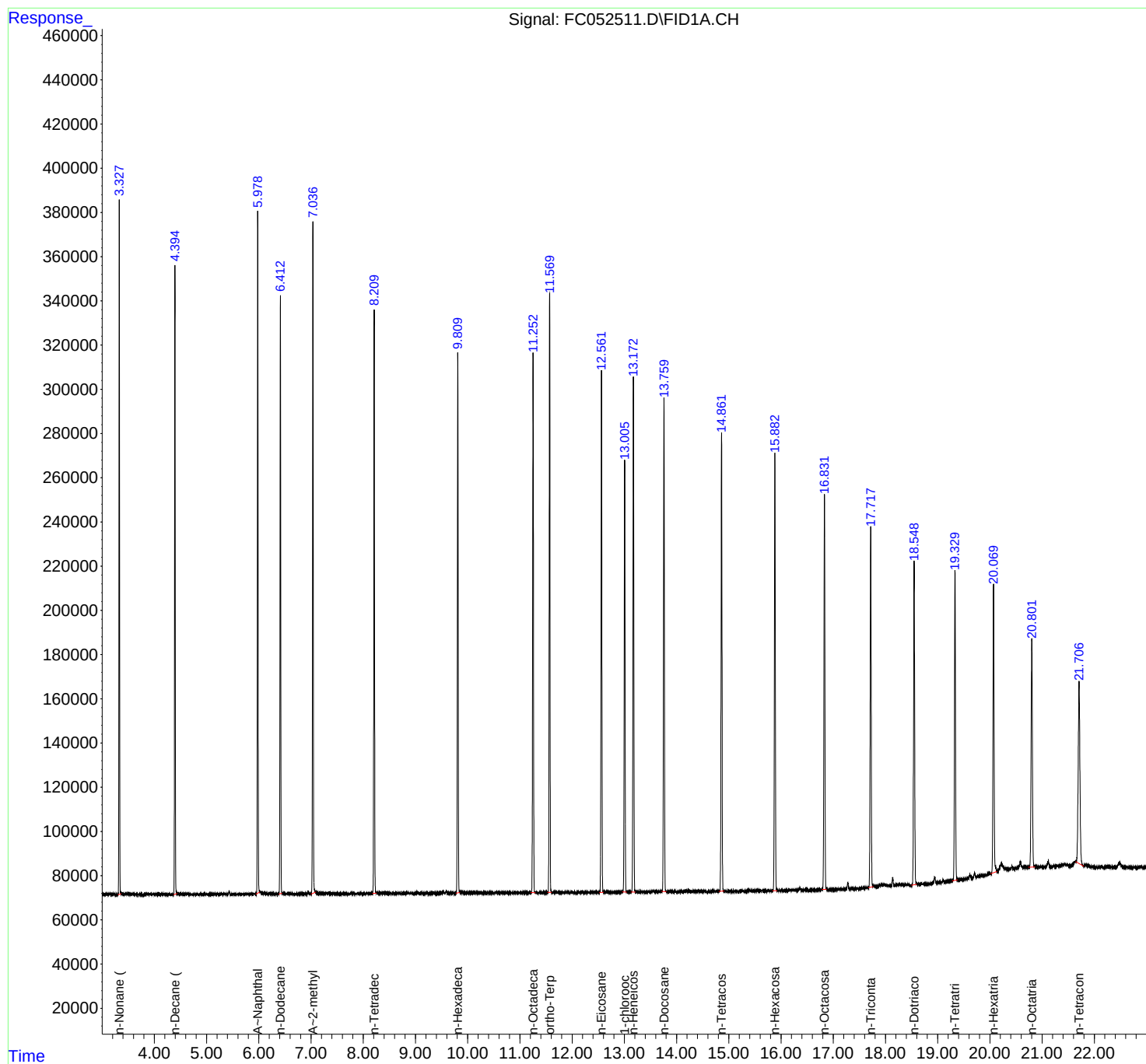
(m)=manual int.

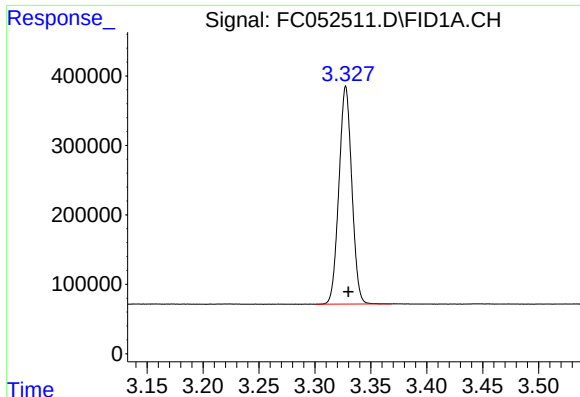
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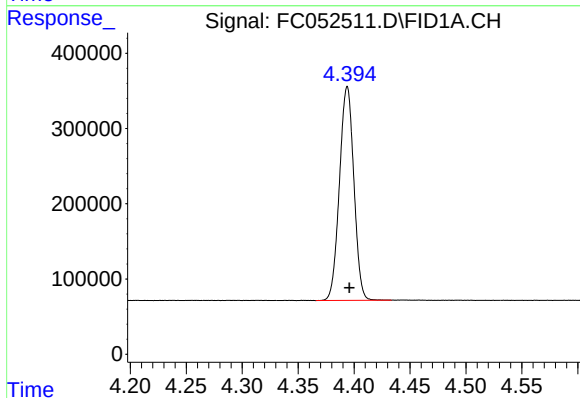




#1 n-Nonane (C9)

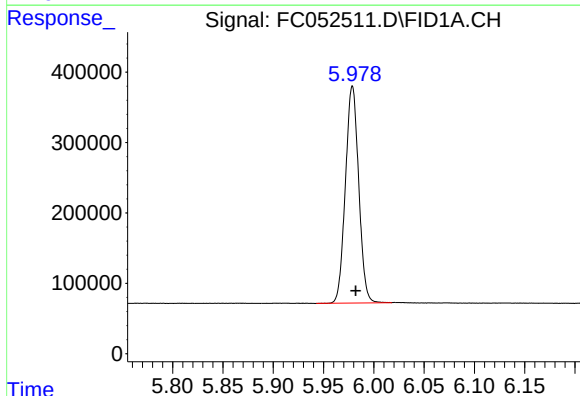
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 2512403
Conc: 21.63 ug/ml

Instrument :
FID_C
ClientSampleId :



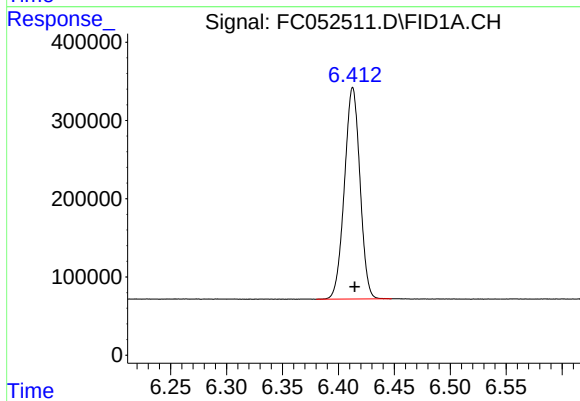
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 2546291
Conc: 21.73 ug/ml



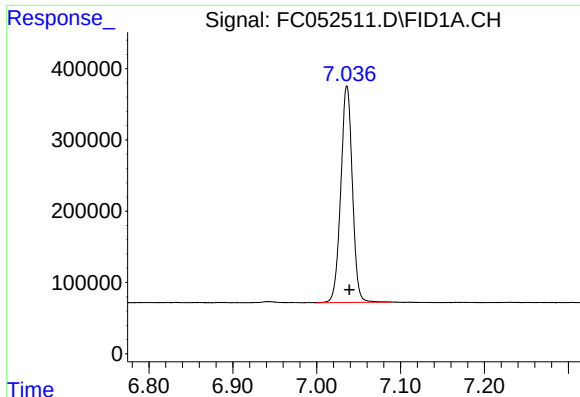
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2833331
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

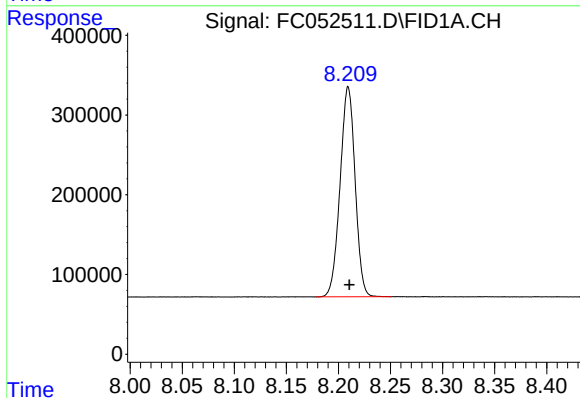
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 2617157
Conc: 21.80 ug/ml



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

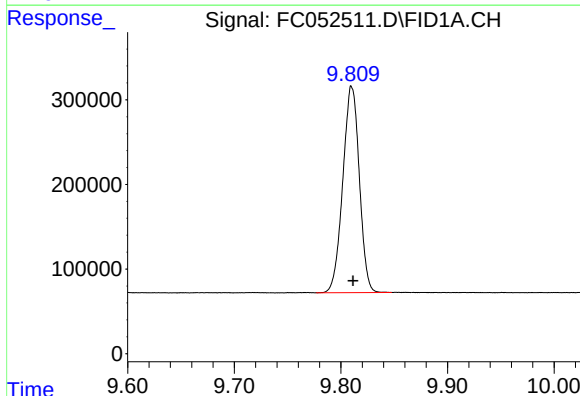
R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 2917496
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :



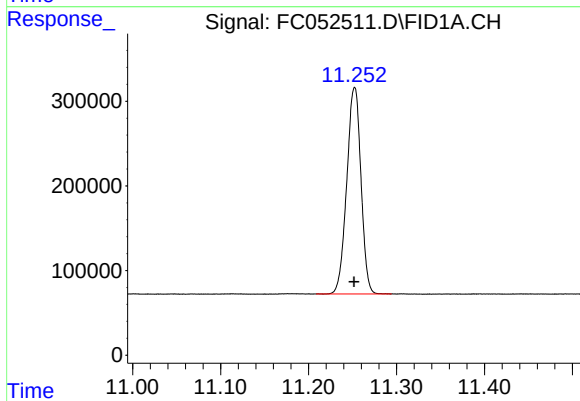
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 2646109
Conc: 21.88 ug/ml



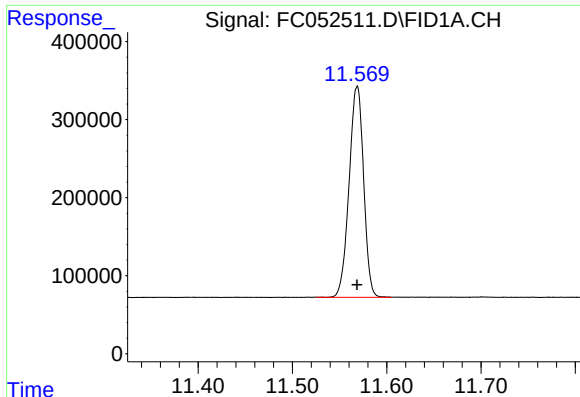
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.001 min
Response: 2626162
Conc: 21.84 ug/ml



#8 n-Octadecane (C18)

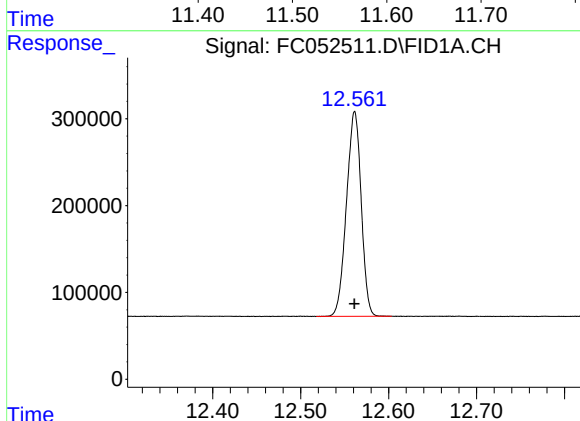
R.T.: 11.252 min
Delta R.T.: 0.000 min
Response: 2744556
Conc: 21.75 ug/ml



#9 ortho-Terphenyl (SURR)

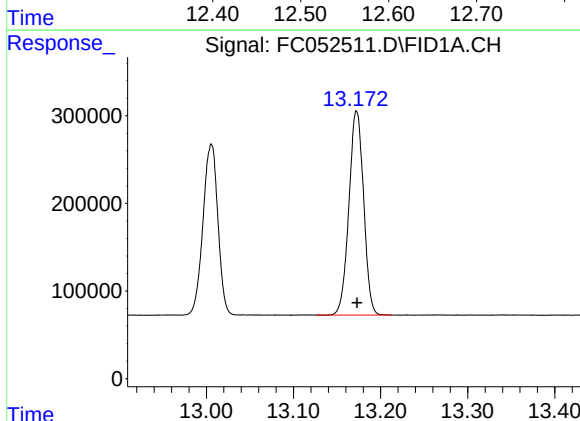
R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 2890283
Conc: 21.56 ug/ml

Instrument :
FID_C
ClientSampleId :



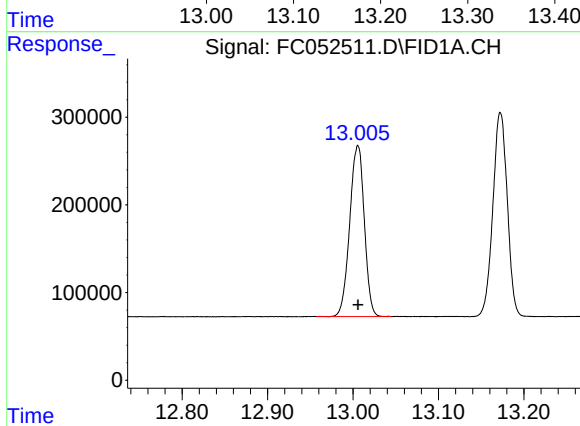
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 2748424
Conc: 21.52 ug/ml



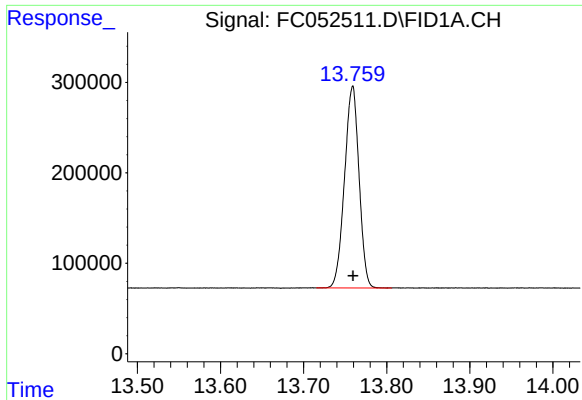
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: 0.000 min
Response: 2730512
Conc: 21.48 ug/ml



#12 1-chlorooctadecane (SURR)

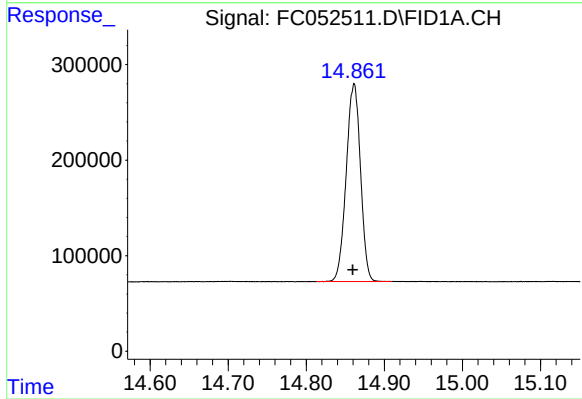
R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 2317568
Conc: 21.49 ug/ml



#13 n-Docosane (C22)

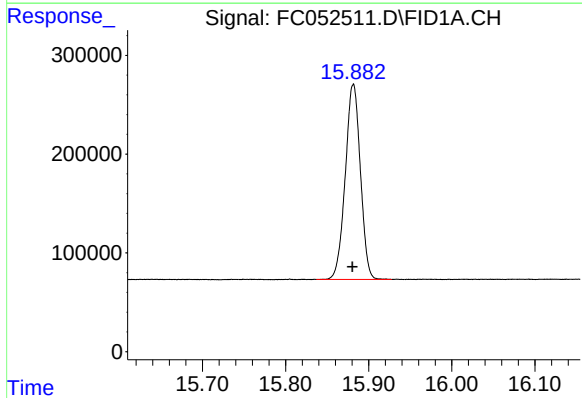
R.T.: 13.759 min
Delta R.T.: 0.000 min
Response: 2702342
Conc: 21.33 ug/ml

Instrument :
FID_C
ClientSampleId :



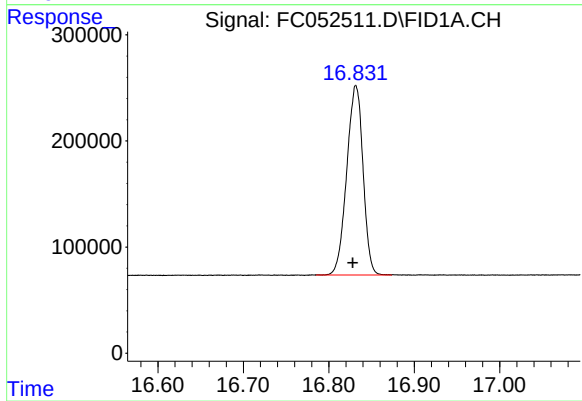
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: 0.002 min
Response: 2632514
Conc: 21.07 ug/ml



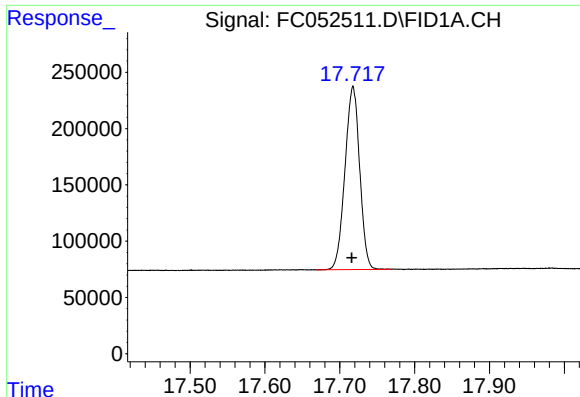
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.001 min
Response: 2499501
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.004 min
Response: 2361635
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

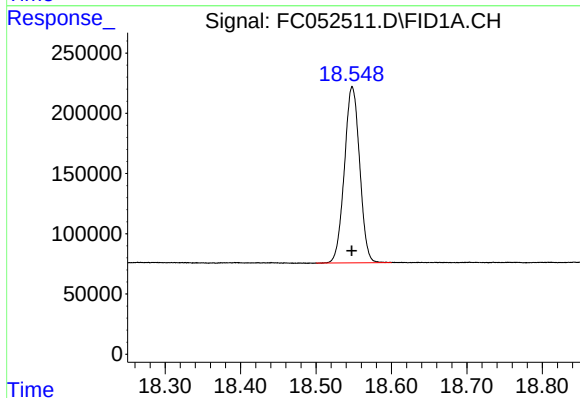
R.T.: 17.718 min

Delta R.T.: 0.002 min

Response: 2218751

Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :



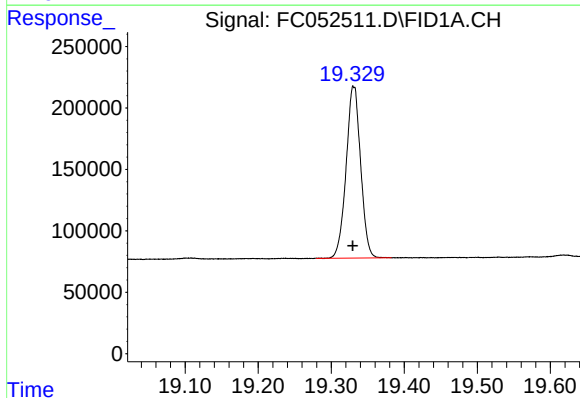
#18 n-Dotriacontane (C32)

R.T.: 18.548 min

Delta R.T.: 0.000 min

Response: 2055490

Conc: 20.49 ug/ml



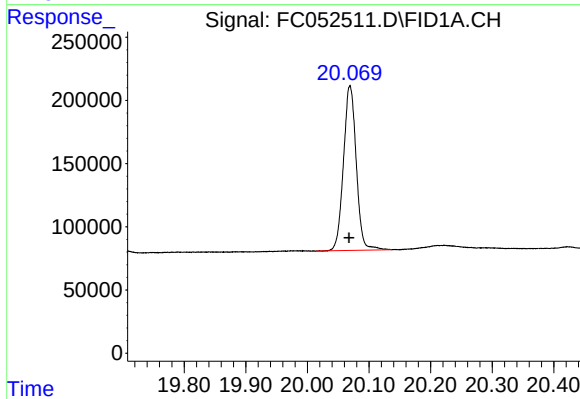
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min

Delta R.T.: 0.001 min

Response: 1928393

Conc: 20.98 ug/ml



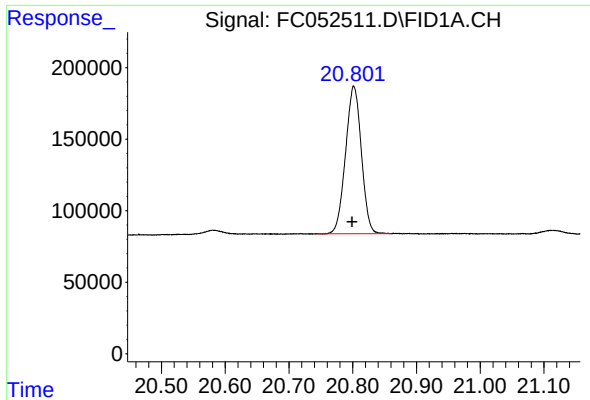
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min

Delta R.T.: 0.001 min

Response: 1874860

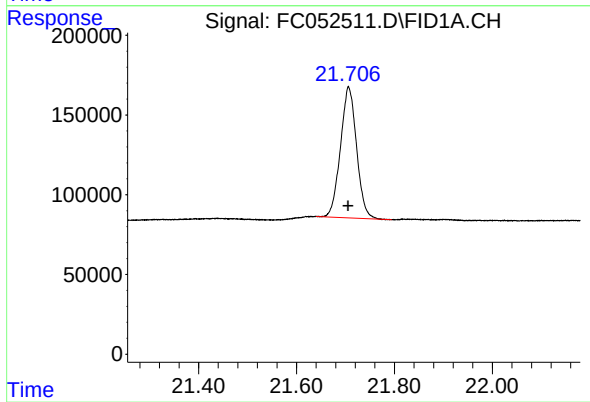
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.003 min
Response: 1778159
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.000 min
Response: 1876054
Conc: 21.78 ug/ml