

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082819AL\
 Data File : FC043195.D
 Signal(s) : FID1A.CH
 Acq On : 29 Aug 2019 14:44
 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: Aug 29 15:10:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.626	2723068	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.048	2040582	18.678 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.456	2527349	21.220 ug/ml
2) T n-Decane (C10)	4.514	2546039	21.411 ug/ml
3) T A~Naphthalene (C11.7)	6.095	2636356	21.613 ug/ml
4) T n-Dodecane (C12)	6.511	2591660	21.184 ug/ml
5) T A~2-methylnaphthalene...	7.141	2659125	21.663 ug/ml
6) T n-Tetradecane (C14)	8.288	2564676	20.747 ug/ml
7) T n-Hexadecane (C16)	9.874	2539329	20.368 ug/ml
8) T n-Octadecane (C18)	11.305	2500780	19.661 ug/ml
10) T n-Eicosane (C20)	12.605	2450860	19.090 ug/ml
11) T n-Heneicosane (C21)	13.213	2432025	18.779 ug/ml
13) T n-Docosane (C22)	13.796	2385710	18.571 ug/ml
14) T n-Tetracosane (C24)	14.892	2366016	18.468 ug/ml
15) T n-Hexacosane (C26)	15.907	2319350	18.416 ug/ml
16) T n-Octacosane (C28)	16.853	2304130	18.765 ug/ml
17) T n-Tricontane (C30)	17.736	2308182	19.138 ug/ml
18) T n-Dotriacontane (C32)	18.565	2248464	19.712 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2161430	20.089 ug/ml
20) T n-Hexatriacontane (C36)	20.082	2126448	20.197 ug/ml
21) T n-Octatriacontane (C38)	20.815	2036193	21.764 ug/ml
22) T n-Tetracontane (C40)	21.721	2115280	21.893 ug/ml

(f)=RT Delta > 1/2 Window

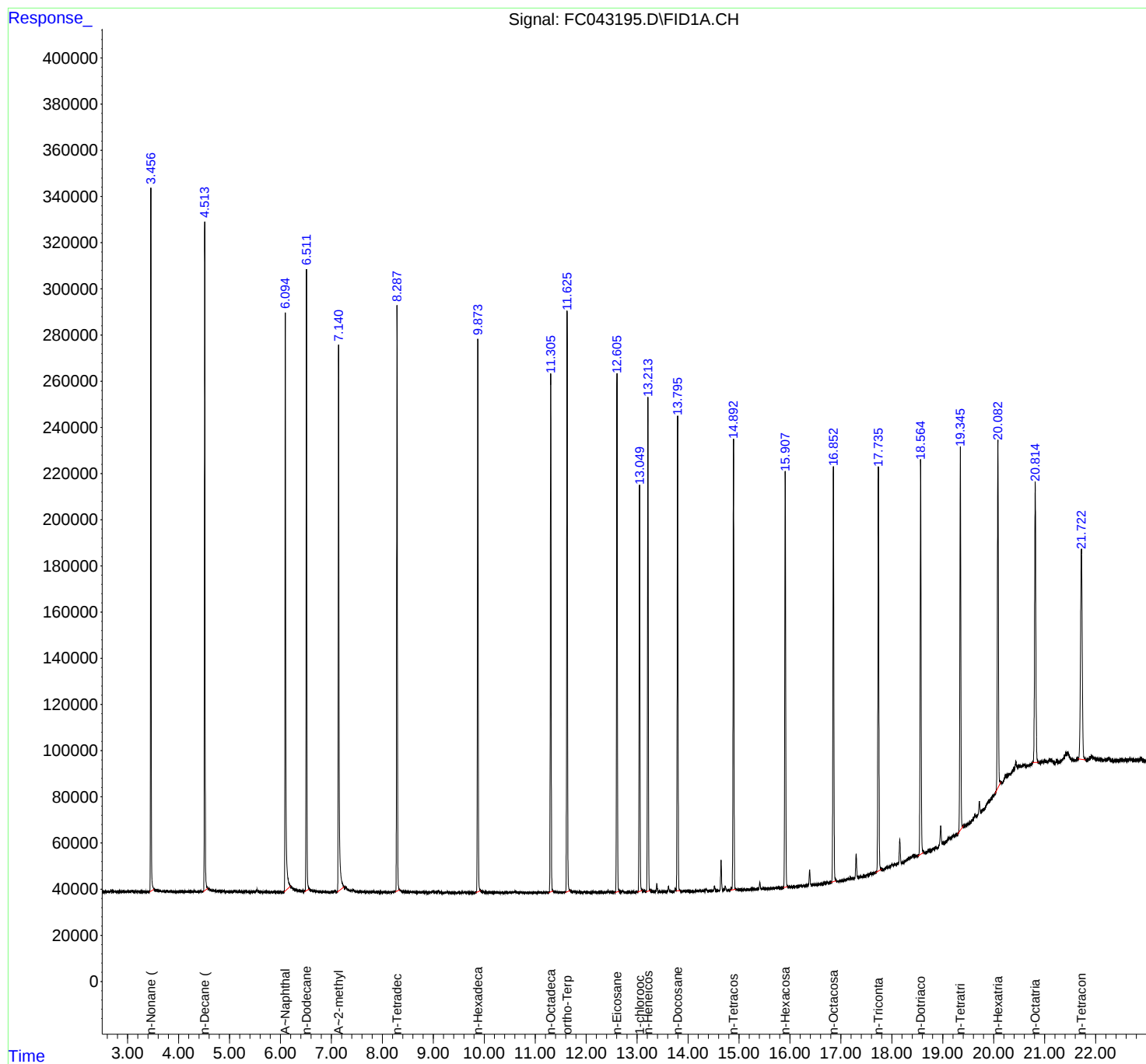
(m)=manual int.

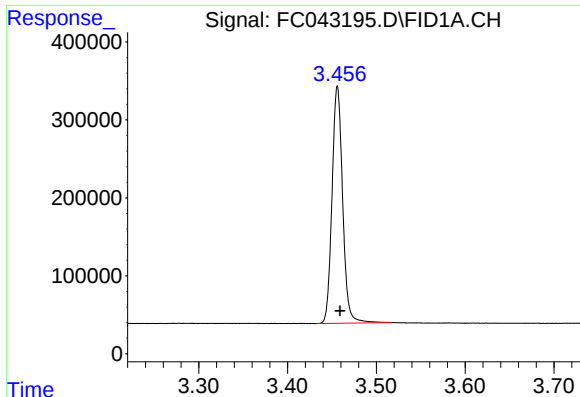
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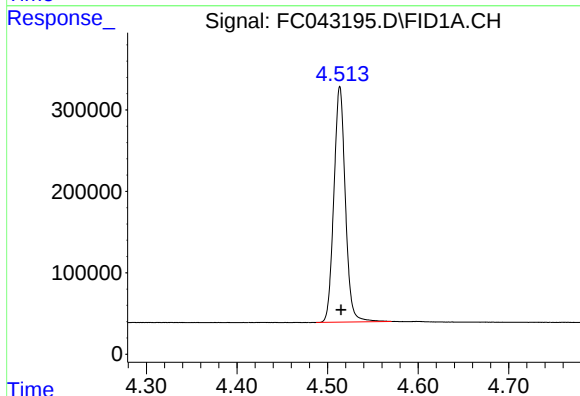




#1 n-Nonane (C9)

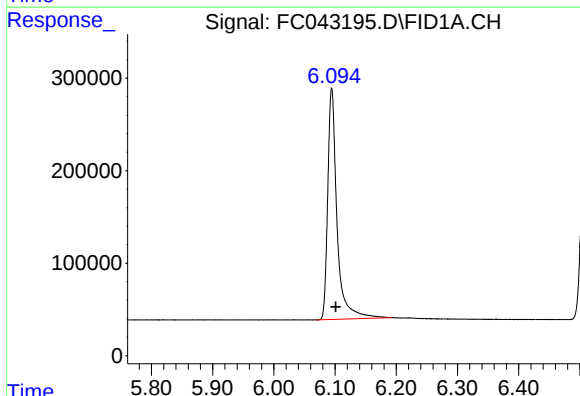
R.T.: 3.456 min
Delta R.T.: -0.003 min
Response: 2527349
Conc: 21.22 ug/ml

Instrument :
FID_C
ClientSampleId :



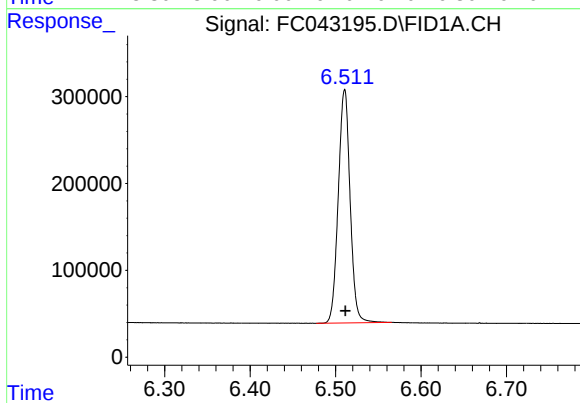
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 2546039
Conc: 21.41 ug/ml



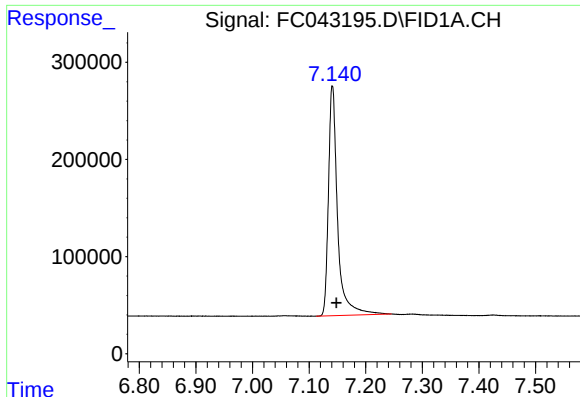
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: -0.007 min
Response: 2636356
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

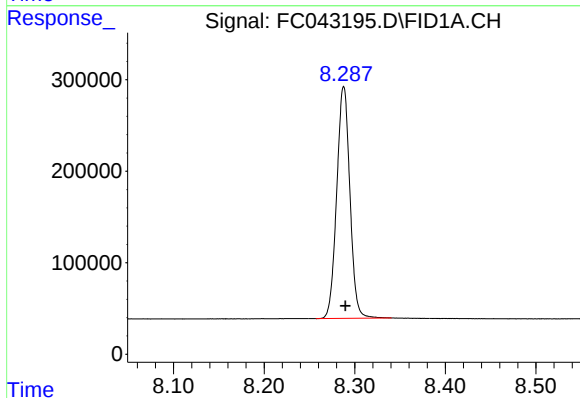
R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 2591660
Conc: 21.18 ug/ml



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

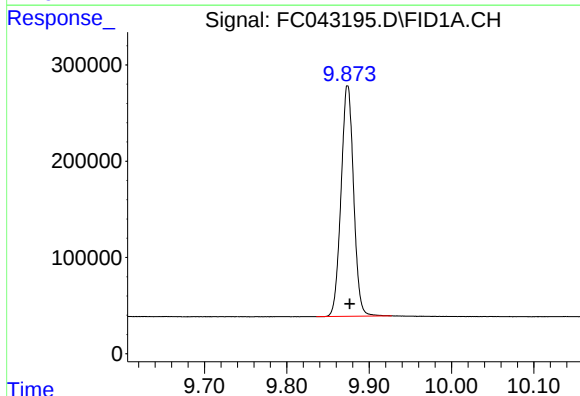
R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 2659125
Conc: 21.66 ug/ml

Instrument :
FID_C
ClientSampleId :



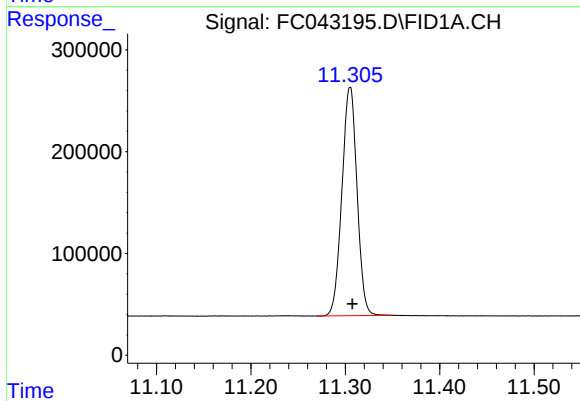
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 2564676
Conc: 20.75 ug/ml



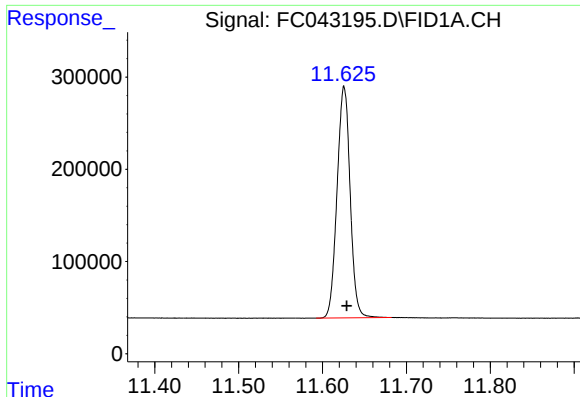
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.003 min
Response: 2539329
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

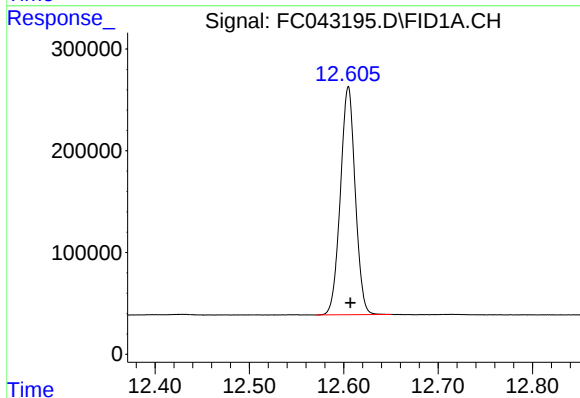
R.T.: 11.305 min
Delta R.T.: -0.002 min
Response: 2500780
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

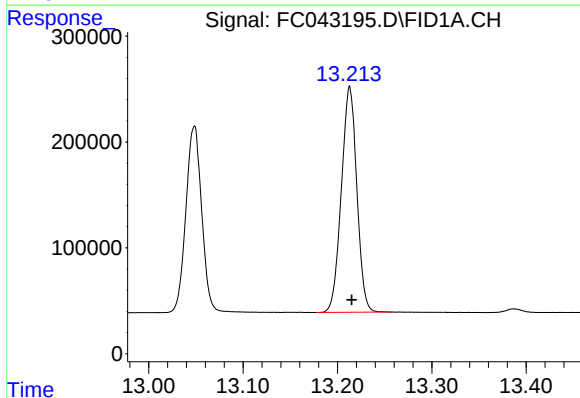
R.T.: 11.626 min
Delta R.T.: -0.003 min
Response: 2723068
Conc: 19.02 ug/ml

Instrument :
FID_C
ClientSampleId :



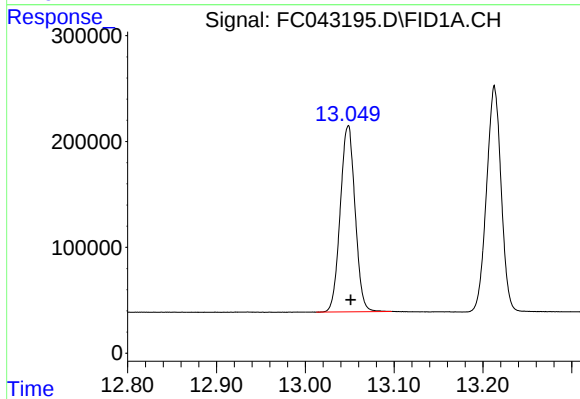
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.002 min
Response: 2450860
Conc: 19.09 ug/ml



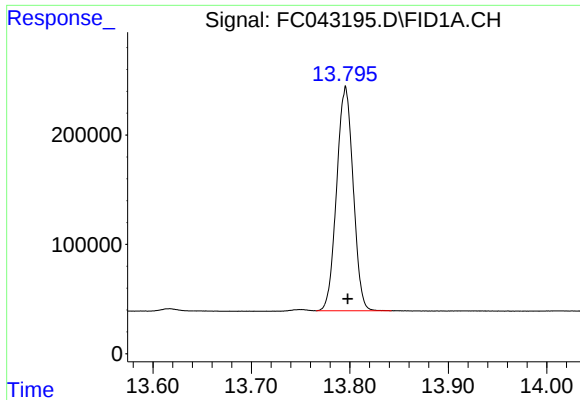
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.002 min
Response: 2432025
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

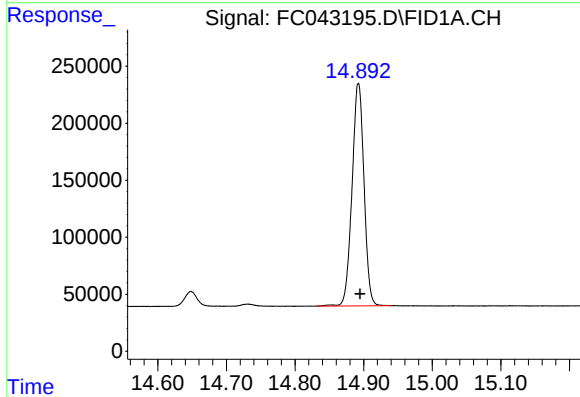
R.T.: 13.048 min
Delta R.T.: -0.003 min
Response: 2040582
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

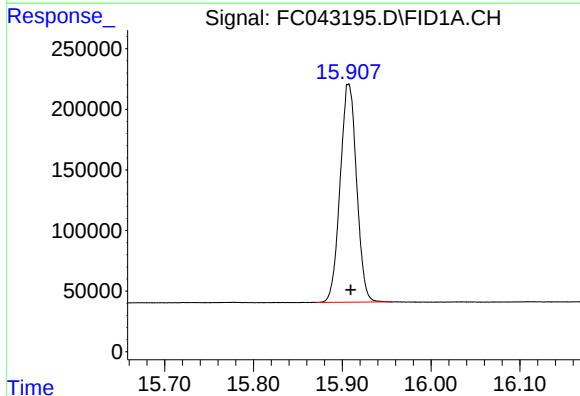
R.T.: 13.796 min
Delta R.T.: -0.002 min
Response: 2385710
Conc: 18.57 ug/ml

Instrument :
FID_C
ClientSampleId :



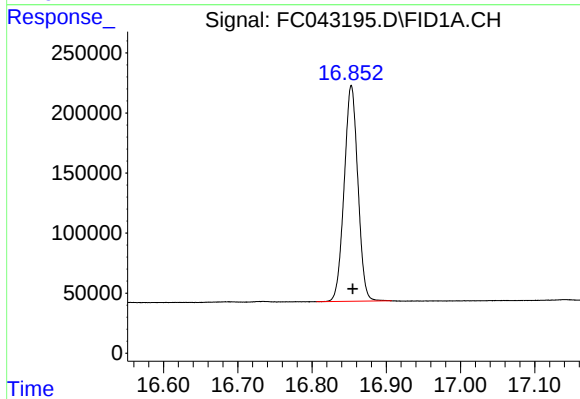
#14 n-Tetracosane (C24)

R.T.: 14.892 min
Delta R.T.: -0.002 min
Response: 2366016
Conc: 18.47 ug/ml



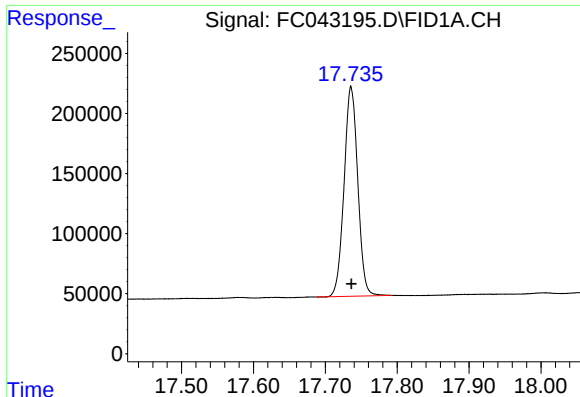
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.002 min
Response: 2319350
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

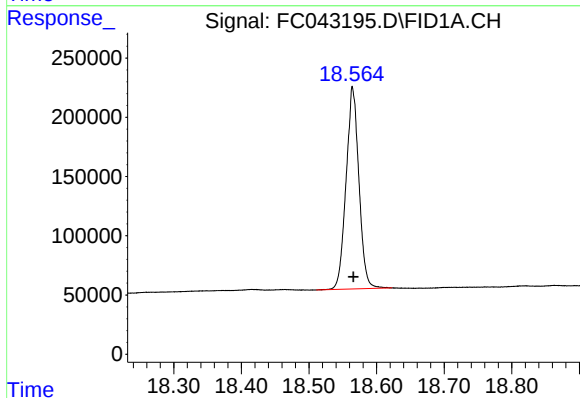
R.T.: 16.853 min
Delta R.T.: -0.002 min
Response: 2304130
Conc: 18.77 ug/ml



#17 n-Tricontane (C30)

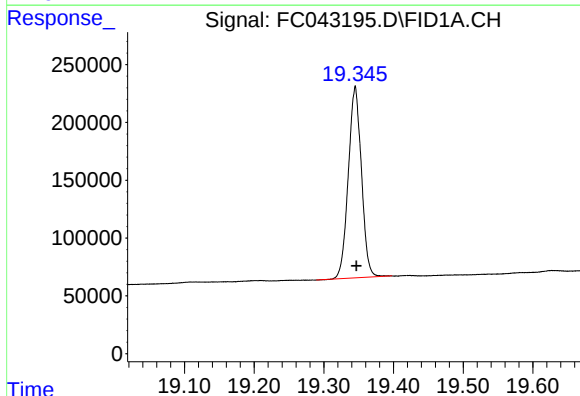
R.T.: 17.736 min
Delta R.T.: 0.000 min
Response: 2308182
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :



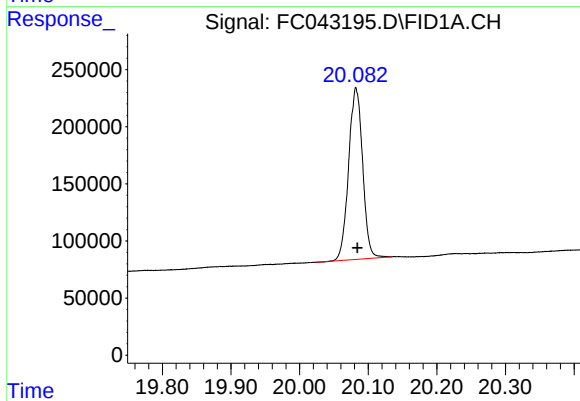
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.001 min
Response: 2248464
Conc: 19.71 ug/ml



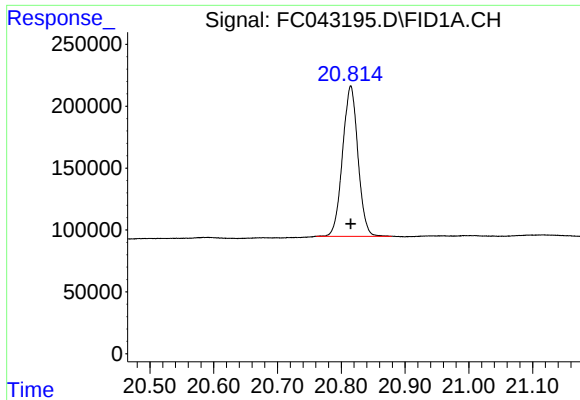
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.001 min
Response: 2161430
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

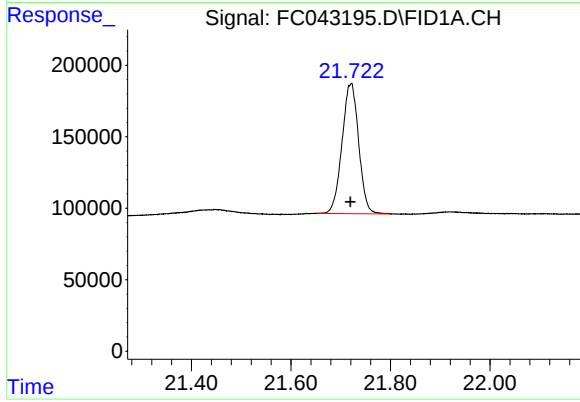
R.T.: 20.082 min
Delta R.T.: -0.002 min
Response: 2126448
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.000 min
Response: 2036193
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: 0.002 min
Response: 2115280
Conc: 21.89 ug/ml