

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058897.D
 Signal(s) : FID1A.CH
 Acq On : 26 Mar 2022 14:40
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 23:43:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.099	2809900	19.502 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	12.548	2179435	19.443 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T n-Nonane (C9)	2.956	2375070	19.381 ug/ml
2) T n-Decane (C10)	3.999	2367575	19.320 ug/ml
3) T A~Naphthalene (C11.7)	5.547	2452804	19.536 ug/ml
4) T n-Dodecane (C12)	5.998	2478372	19.404 ug/ml
5) T A~2-methylnaphthalene...	6.596	2486712	19.397 ug/ml
6) T n-Tetradecane (C14)	7.782	2529387	19.454 ug/ml
7) T n-Hexadecane (C16)	9.374	2554815	19.239 ug/ml
8) T n-Octadecane (C18)	10.808	2574987	19.367 ug/ml
10) T n-Eicosane (C20)	12.111	2549136	19.455 ug/ml
11) T n-Heneicosane (C21)	12.720	2544331	19.500 ug/ml
13) T n-Docosane (C22)	13.303	2525361	19.494 ug/ml
14) T n-Tetracosane (C24)	14.401	2462215	19.491 ug/ml
15) T n-Hexacosane (C26)	15.417	2350894	19.462 ug/ml
16) T n-Octacosane (C28)	16.364	2293880	19.372 ug/ml
17) T n-Tricontane (C30)	17.246	2200254	19.287 ug/ml
18) T n-Dotriacontane (C32)	18.077	2074776	19.367 ug/ml
19) T n-Tetratriacontane (C34)	18.857	1960802	19.407 ug/ml
20) T n-Hexatriacontane (C36)	19.595	1851358	19.376 ug/ml
21) T n-Octatriacontane (C38)	20.292	1799205	19.553 ug/ml
22) T n-Tetracontane (C40)	21.036	1803175	19.402 ug/ml

(f)=RT Delta > 1/2 Window

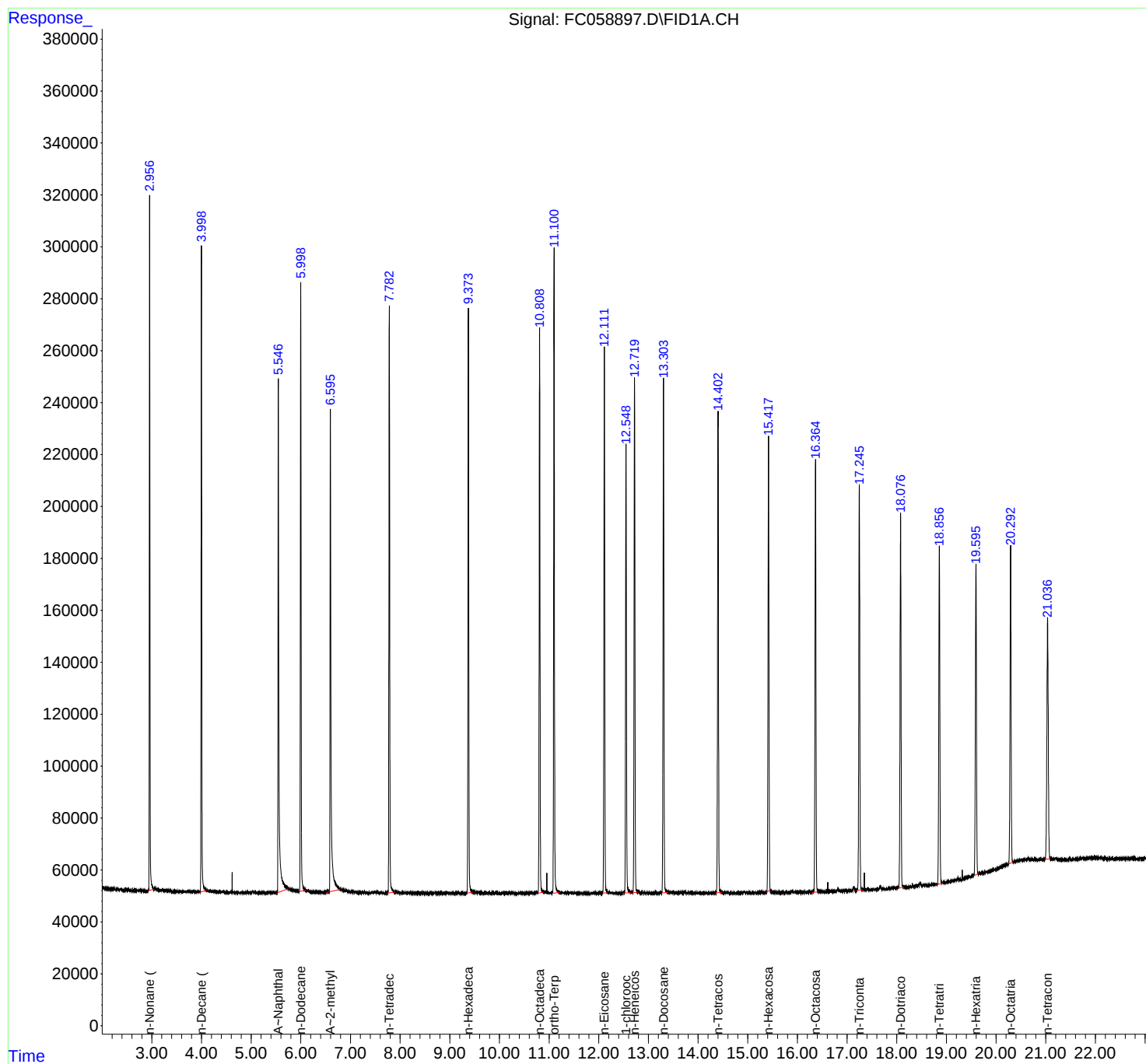
(m)=manual int.

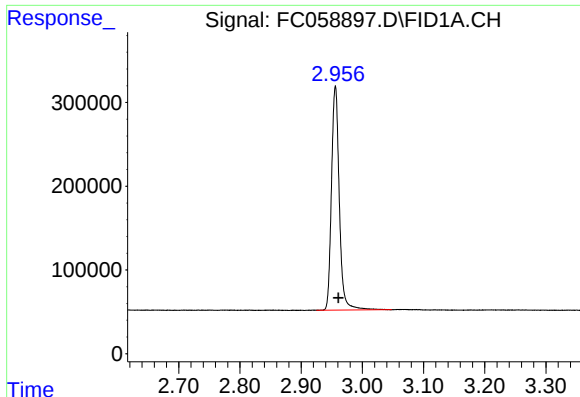
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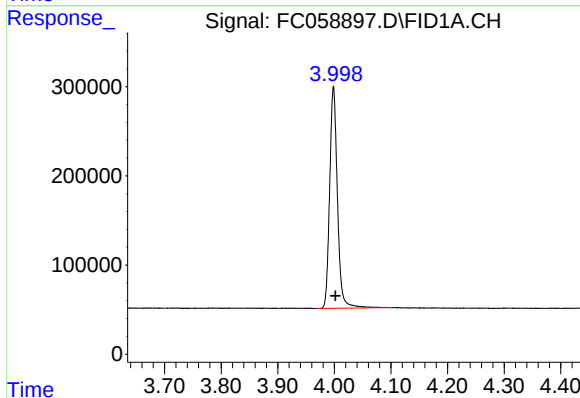




#1 n-Nonane (C9)

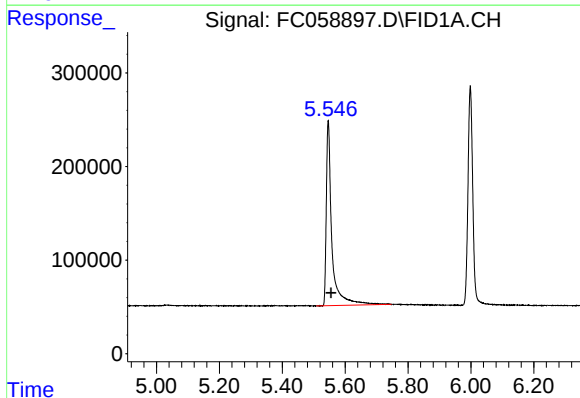
R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 2375070
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :



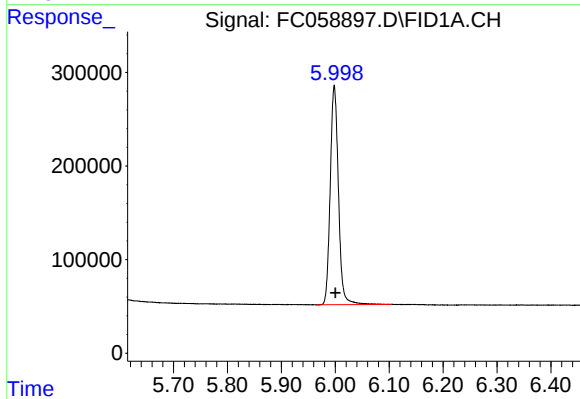
#2 n-Decane (C10)

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 2367575
Conc: 19.32 ug/ml



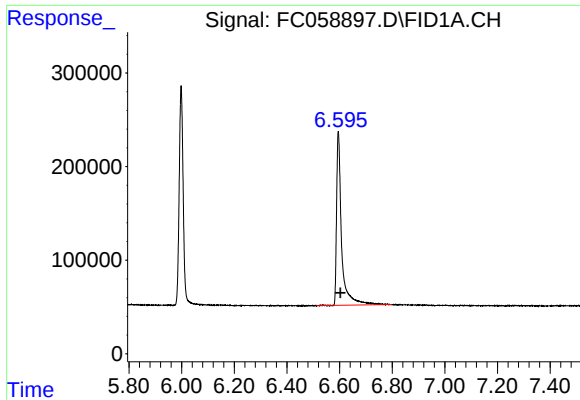
#3 A~Naphthalene (C11.7)

R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 2452804
Conc: 19.54 ug/ml



#4 n-Dodecane (C12)

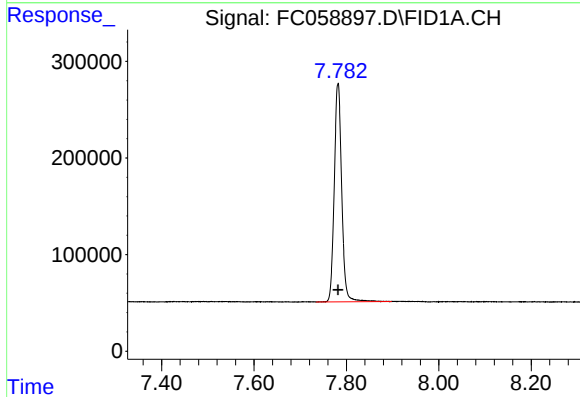
R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 2478372
Conc: 19.40 ug/ml



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

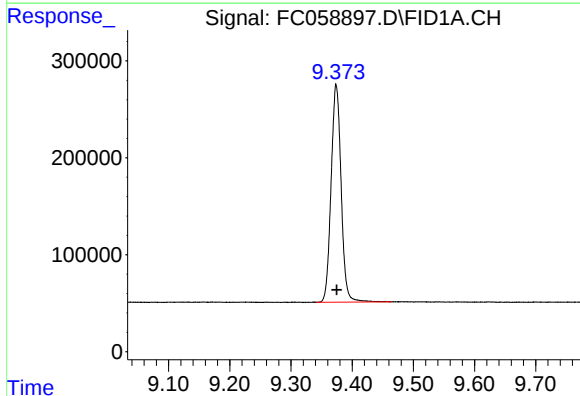
R.T.: 6.596 min
Delta R.T.: -0.007 min
Response: 2486712
Conc: 19.40 ug/ml

Instrument :
FID_C
ClientSampleId :



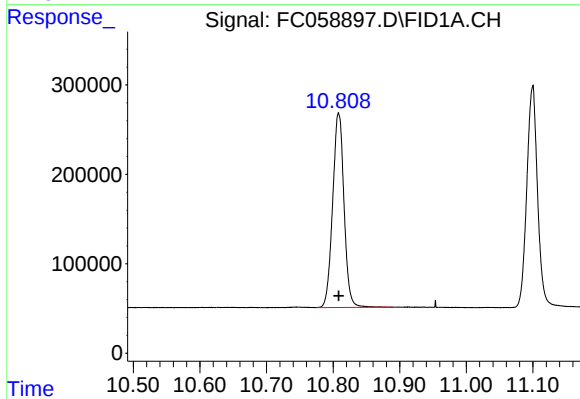
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2529387
Conc: 19.45 ug/ml



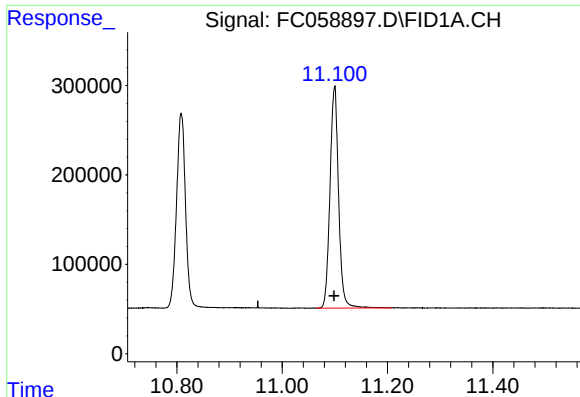
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 2554815
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

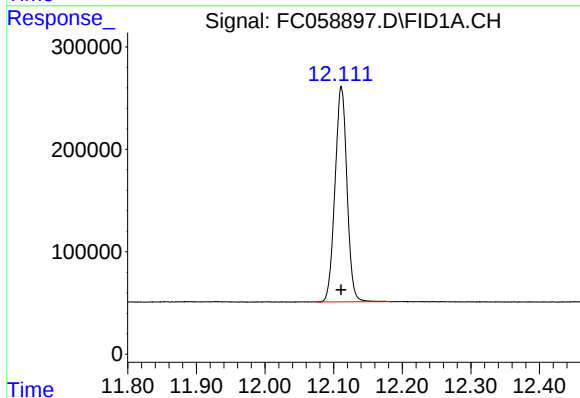
R.T.: 10.808 min
Delta R.T.: 0.000 min
Response: 2574987
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

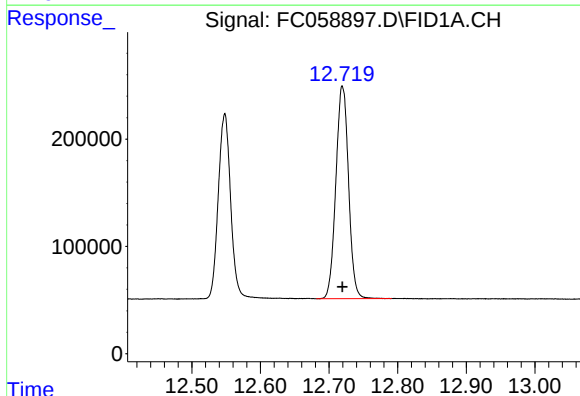
R.T.: 11.099 min
Delta R.T.: 0.000 min
Response: 2809900
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :



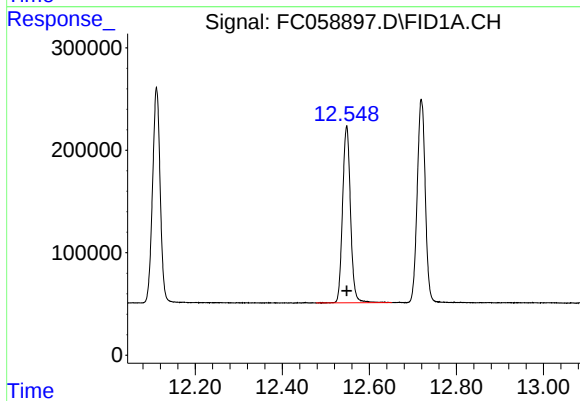
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 2549136
Conc: 19.46 ug/ml



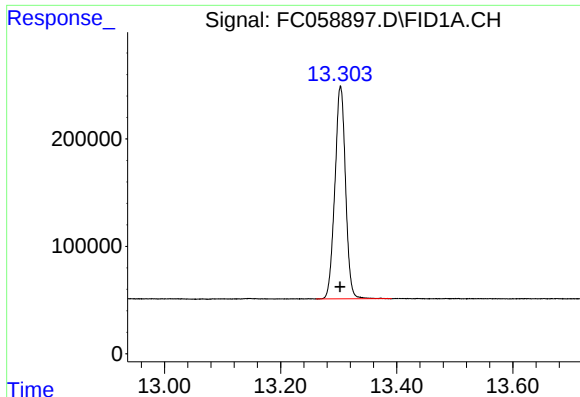
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2544331
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

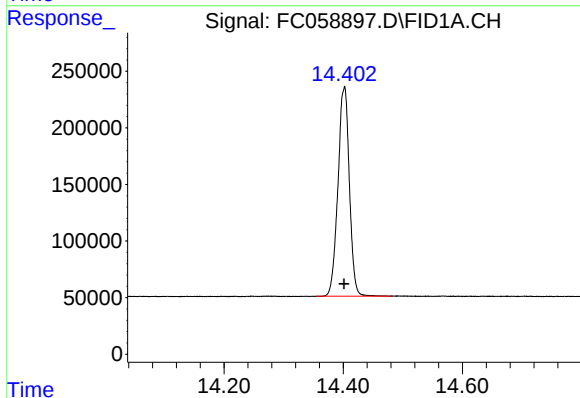
R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 2179435
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

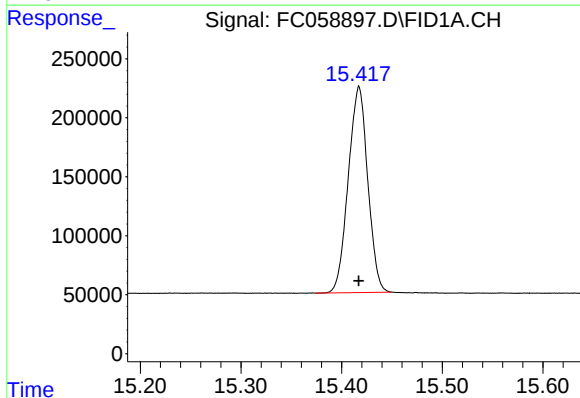
R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2525361
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :



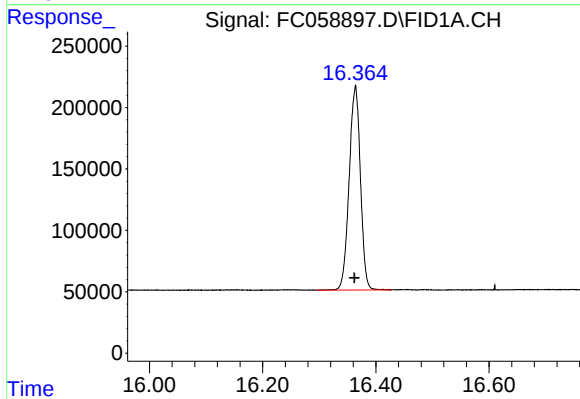
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 2462215
Conc: 19.49 ug/ml



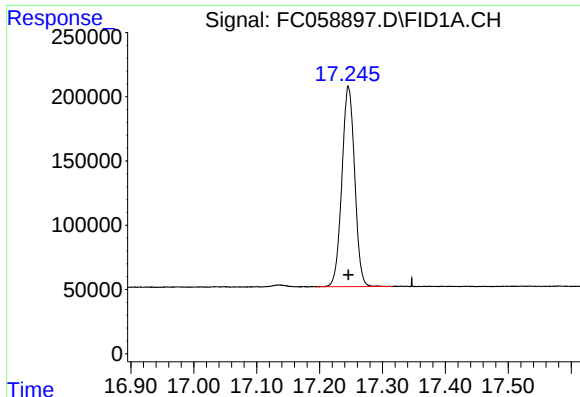
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2350894
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

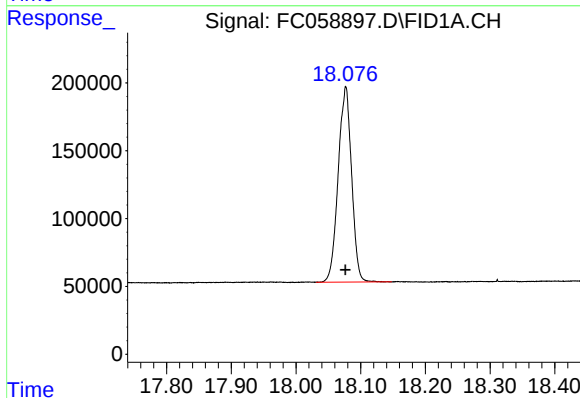
R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 2293880
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

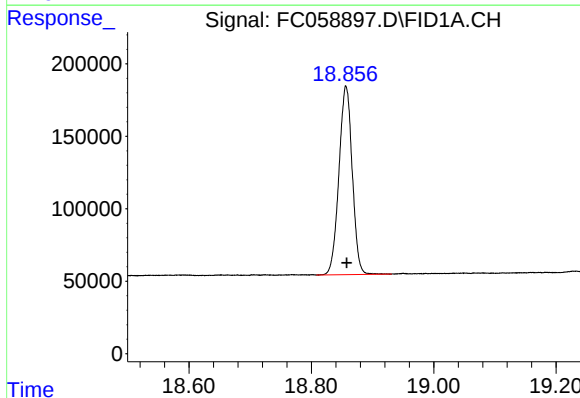
R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2200254
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :



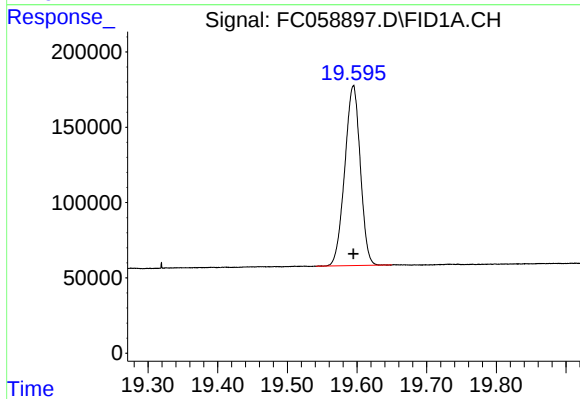
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2074776
Conc: 19.37 ug/ml



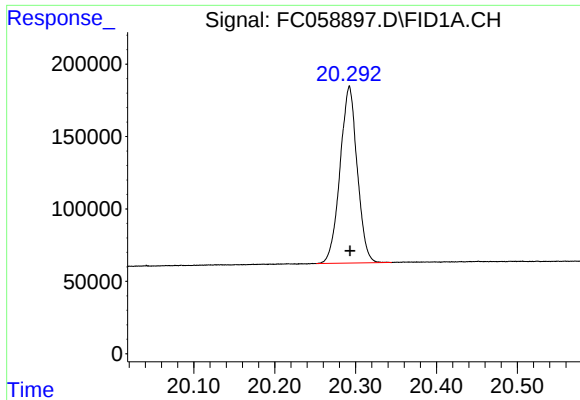
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: -0.001 min
Response: 1960802
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

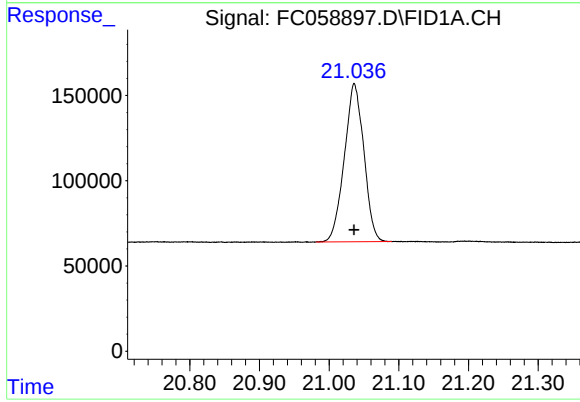
R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 1851358
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: -0.001 min
Response: 1799205
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 1803175
Conc: 19.40 ug/ml