

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021822AL\
 Data File : FC058383.D
 Signal(s) : FID1A.CH
 Acq On : 18 Feb 2022 10:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 18 22:14:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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)	11.379	29285523	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	12.813	21873252	20.900 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.354	24202036	20.457 ug/ml
2) T n-Decane (C10)	4.320	24411638	20.421 ug/ml
3) T A~Naphthalene (C11.7)	5.834	27553109	20.799 ug/ml
4) T n-Dodecane (C12)	6.271	25404791	20.421 ug/ml
5) T A~2-methylnaphthalene...	6.877	27488686	20.671 ug/ml
6) T n-Tetradecane (C14)	8.047	25304874	20.328 ug/ml
7) T n-Hexadecane (C16)	9.638	25544860	20.364 ug/ml
8) T n-Octadecane (C18)	11.074	26340226	20.872 ug/ml
10) T n-Eicosane (C20)	12.374	25905513	20.797 ug/ml
11) T n-Heneicosane (C21)	12.983	25830745	20.764 ug/ml
13) T n-Docosane (C22)	13.566	25620749	20.737 ug/ml
14) T n-Tetracosane (C24)	14.664	25648968	21.089 ug/ml
15) T n-Hexacosane (C26)	15.680	24653819	20.849 ug/ml
16) T n-Octacosane (C28)	16.625	23734271	20.757 ug/ml
17) T n-Tricontane (C30)	17.508	22398444	20.596 ug/ml
18) T n-Dotriacontane (C32)	18.338	20578818	21.726 ug/ml
19) T n-Tetratriacontane (C34)	19.116	16467176	19.181 ug/ml
20) T n-Hexatriacontane (C36)	19.851	12595115	17.991 ug/ml
21) T n-Octatriacontane (C38)	20.554	9658635	17.254 ug/ml
22) T n-Tetracontane (C40)	21.375	6665789	15.318 ug/ml

(f)=RT Delta > 1/2 Window

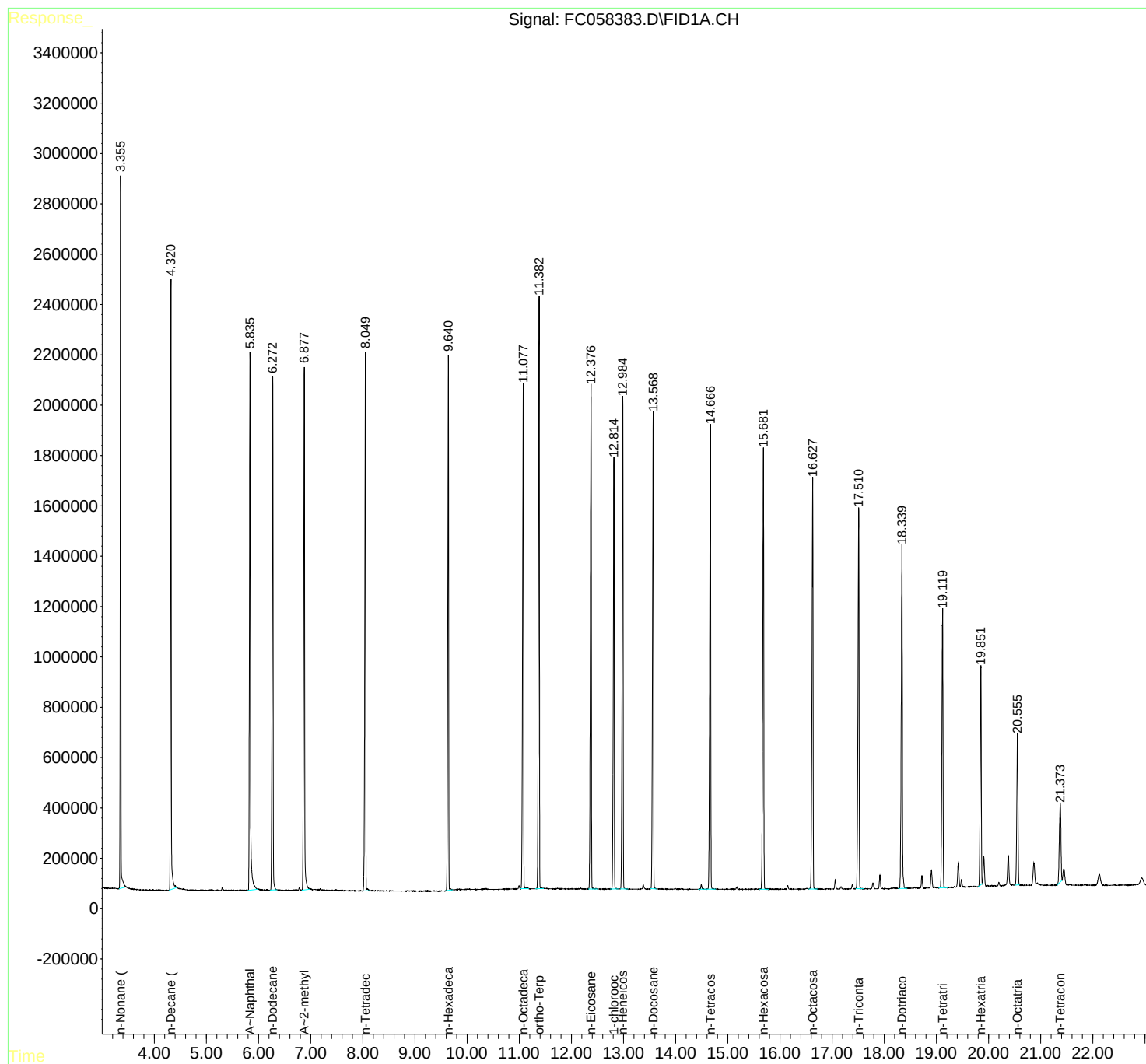
(m)=manual int.

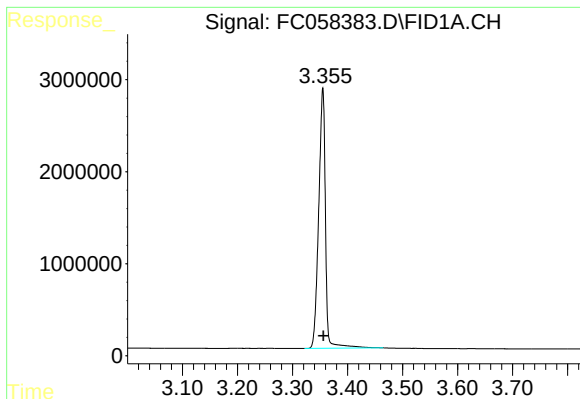
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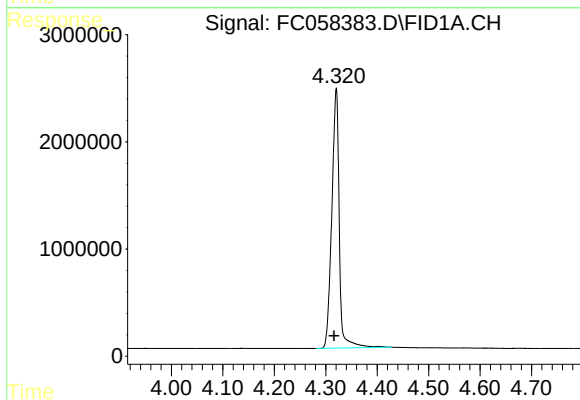




#1 n-Nonane (C9)

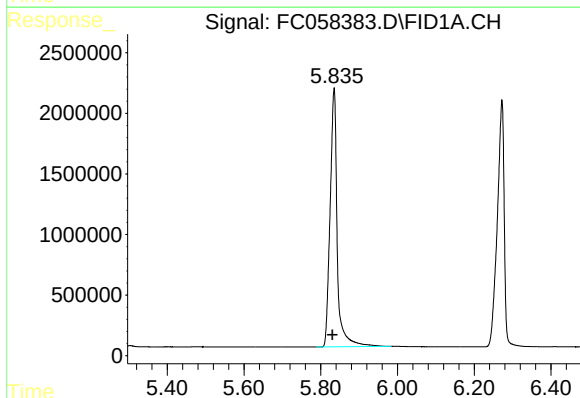
R.T.: 3.354 min
Delta R.T.: -0.002 min
Response: 24202036
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :



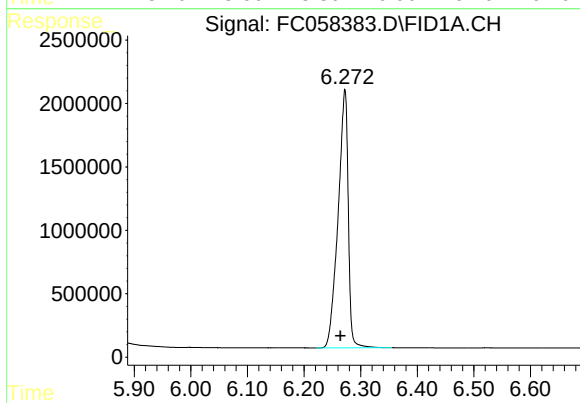
#2 n-Decane (C10)

R.T.: 4.320 min
Delta R.T.: 0.004 min
Response: 24411638
Conc: 20.42 ug/ml



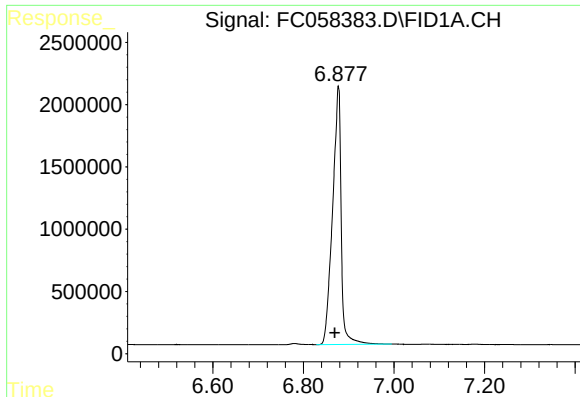
#3 A~Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: 0.004 min
Response: 27553109
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

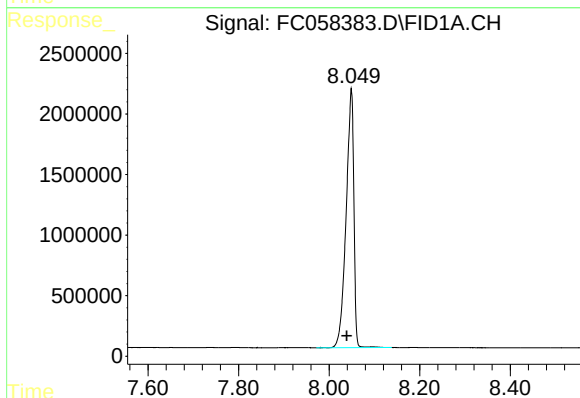
R.T.: 6.271 min
Delta R.T.: 0.007 min
Response: 25404791
Conc: 20.42 ug/ml



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

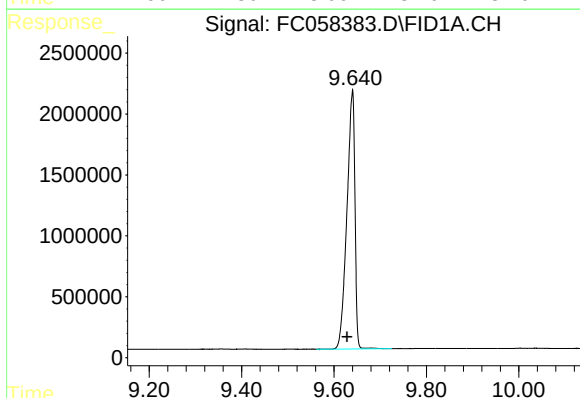
R.T.: 6.877 min
Delta R.T.: 0.007 min
Response: 27488686
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :



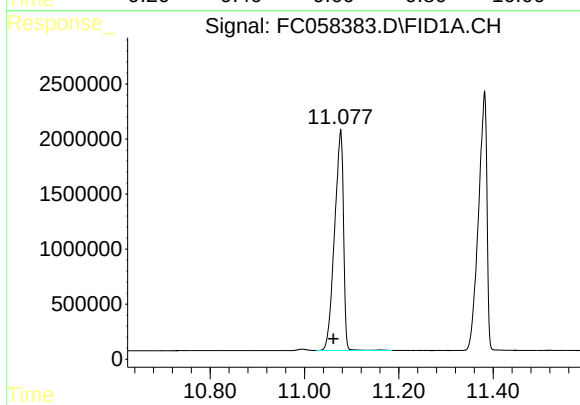
#6 n-Tetradecane (C14)

R.T.: 8.047 min
Delta R.T.: 0.008 min
Response: 25304874
Conc: 20.33 ug/ml



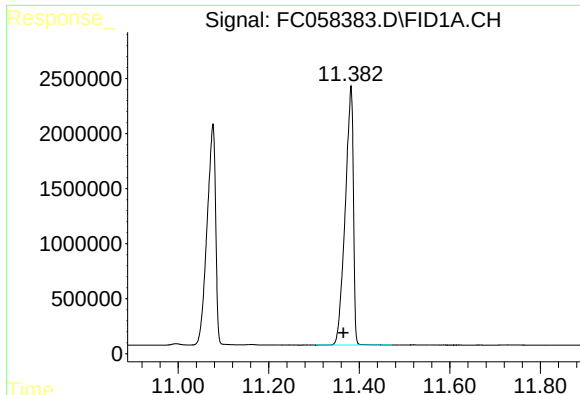
#7 n-Hexadecane (C16)

R.T.: 9.638 min
Delta R.T.: 0.009 min
Response: 25544860
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

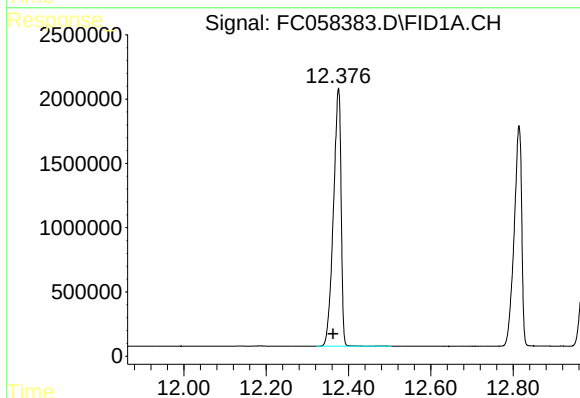
R.T.: 11.074 min
Delta R.T.: 0.013 min
Response: 26340226
Conc: 20.87 ug/ml



#9 ortho-Terphenyl (SURR)

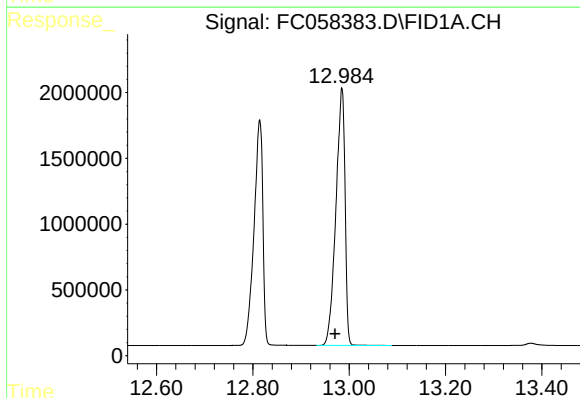
R.T.: 11.379 min
Delta R.T.: 0.014 min
Response: 29285523
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :



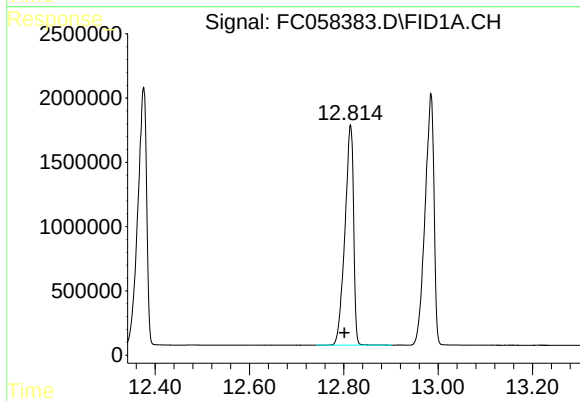
#10 n-Eicosane (C20)

R.T.: 12.374 min
Delta R.T.: 0.012 min
Response: 25905513
Conc: 20.80 ug/ml



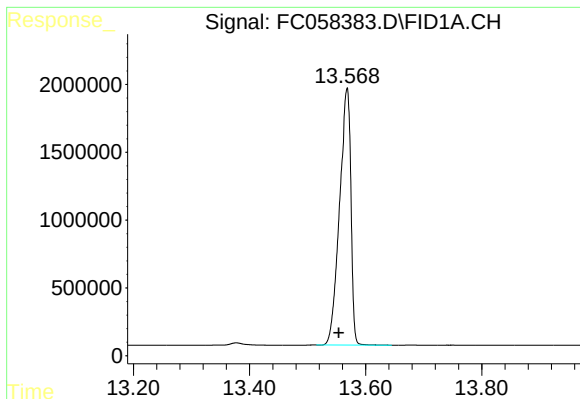
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.013 min
Response: 25830745
Conc: 20.76 ug/ml



#12 1-chlorooctadecane (SURR)

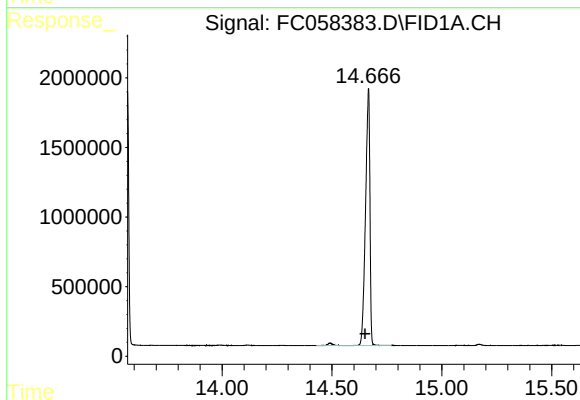
R.T.: 12.813 min
Delta R.T.: 0.011 min
Response: 21873252
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

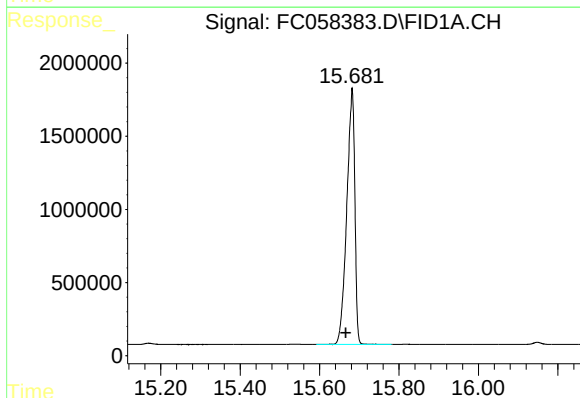
R.T.: 13.566 min
Delta R.T.: 0.012 min
Response: 25620749
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :



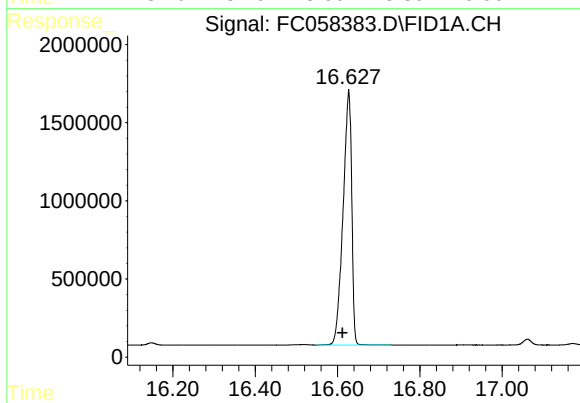
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: 0.014 min
Response: 25648968
Conc: 21.09 ug/ml



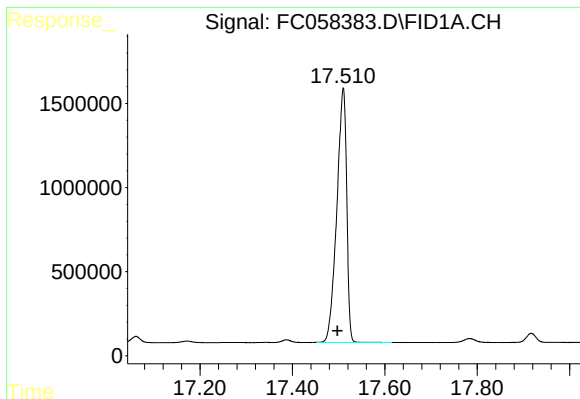
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: 0.014 min
Response: 24653819
Conc: 20.85 ug/ml



#16 n-Octacosane (C28)

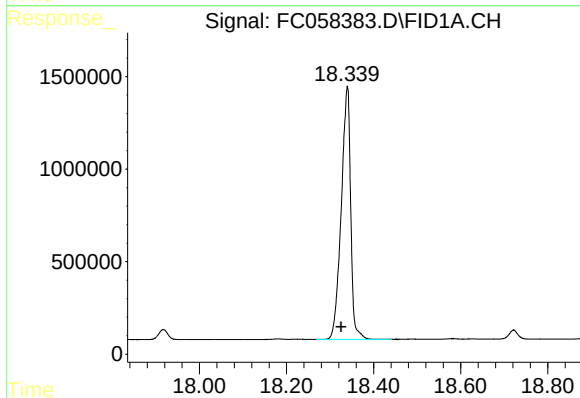
R.T.: 16.625 min
Delta R.T.: 0.014 min
Response: 23734271
Conc: 20.76 ug/ml



#17 n-Tricontane (C30)

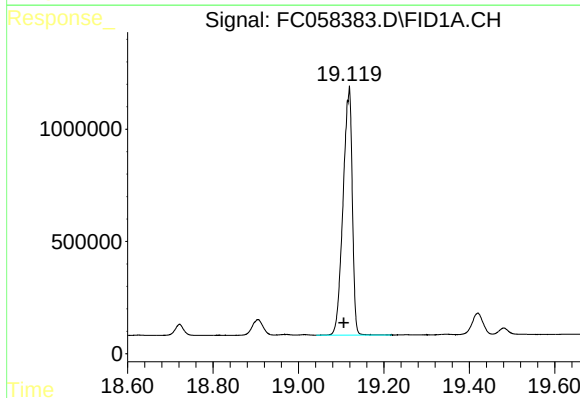
R.T.: 17.508 min
Delta R.T.: 0.011 min
Response: 22398444
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :



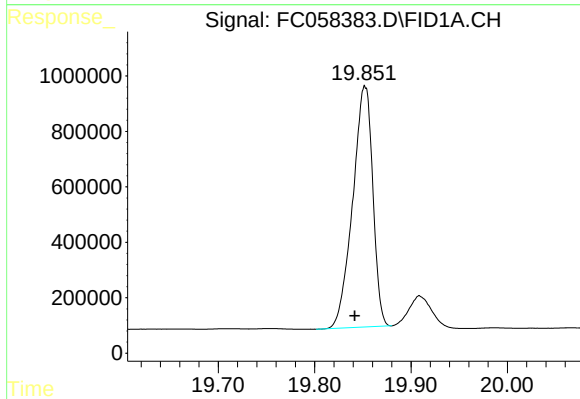
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: 0.012 min
Response: 20578818
Conc: 21.73 ug/ml



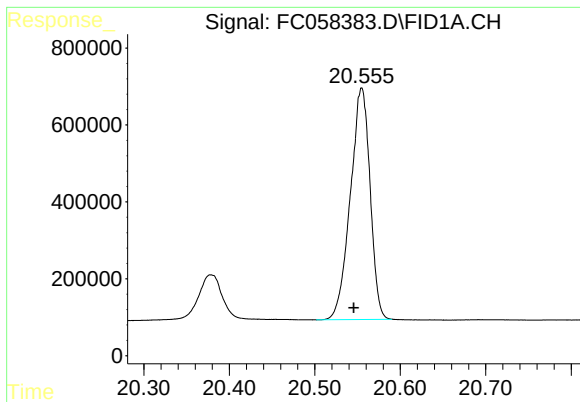
#19 n-Tetratriacontane (C34)

R.T.: 19.116 min
Delta R.T.: 0.011 min
Response: 16467176
Conc: 19.18 ug/ml



#20 n-Hexatriacontane (C36)

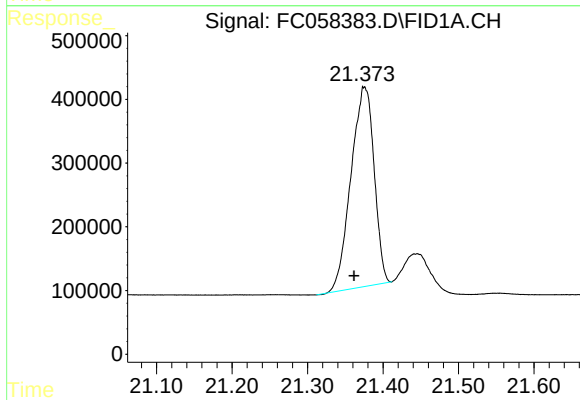
R.T.: 19.851 min
Delta R.T.: 0.009 min
Response: 12595115
Conc: 17.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: 0.009 min
Response: 9658635
Conc: 17.25 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.375 min
Delta R.T.: 0.013 min
Response: 6665789
Conc: 15.32 ug/ml