

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111721AL\
 Data File : FC056906.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 10:59
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 18 11:42:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.601	2278011	18.398 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.033	1764644	18.339 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T n-Nonane (C9)	3.363	2251355	20.801 ug/ml
2) T n-Decane (C10)	4.430	2261258	20.992 ug/ml
3) T A~Naphthalene (C11.7)	6.019	2500327	20.508 ug/ml
4) T n-Dodecane (C12)	6.448	2293241	20.802 ug/ml
5) T A~2-methylnaphthalene...	7.076	2474112	20.203 ug/ml
6) T n-Tetradecane (C14)	8.242	2274591	20.260 ug/ml
7) T n-Hexadecane (C16)	9.841	2252338	19.811 ug/ml
8) T n-Octadecane (C18)	11.281	2252804	19.278 ug/ml
10) T n-Eicosane (C20)	12.588	2151054	18.717 ug/ml
11) T n-Heneicosane (C21)	13.199	2120183	18.449 ug/ml
13) T n-Docosane (C22)	13.784	2068406	18.372 ug/ml
14) T n-Tetracosane (C24)	14.884	1996614	18.118 ug/ml
15) T n-Hexacosane (C26)	15.902	1912556	18.121 ug/ml
16) T n-Octacosane (C28)	16.847	1907276	18.387 ug/ml
17) T n-Tricontane (C30)	17.733	1922370	18.554 ug/ml
18) T n-Dotriacontane (C32)	18.561	1923377	20.075 ug/ml
19) T n-Tetratriacontane (C34)	19.341	1922792	21.922 ug/ml
20) T n-Hexatriacontane (C36)	20.077	1917988	23.433 ug/ml
21) T n-Octatriacontane (C38)	20.810	1857922	23.231 ug/ml
22) T n-Tetracontane (C40)	21.717	1880747	22.827 ug/ml

(f)=RT Delta > 1/2 Window

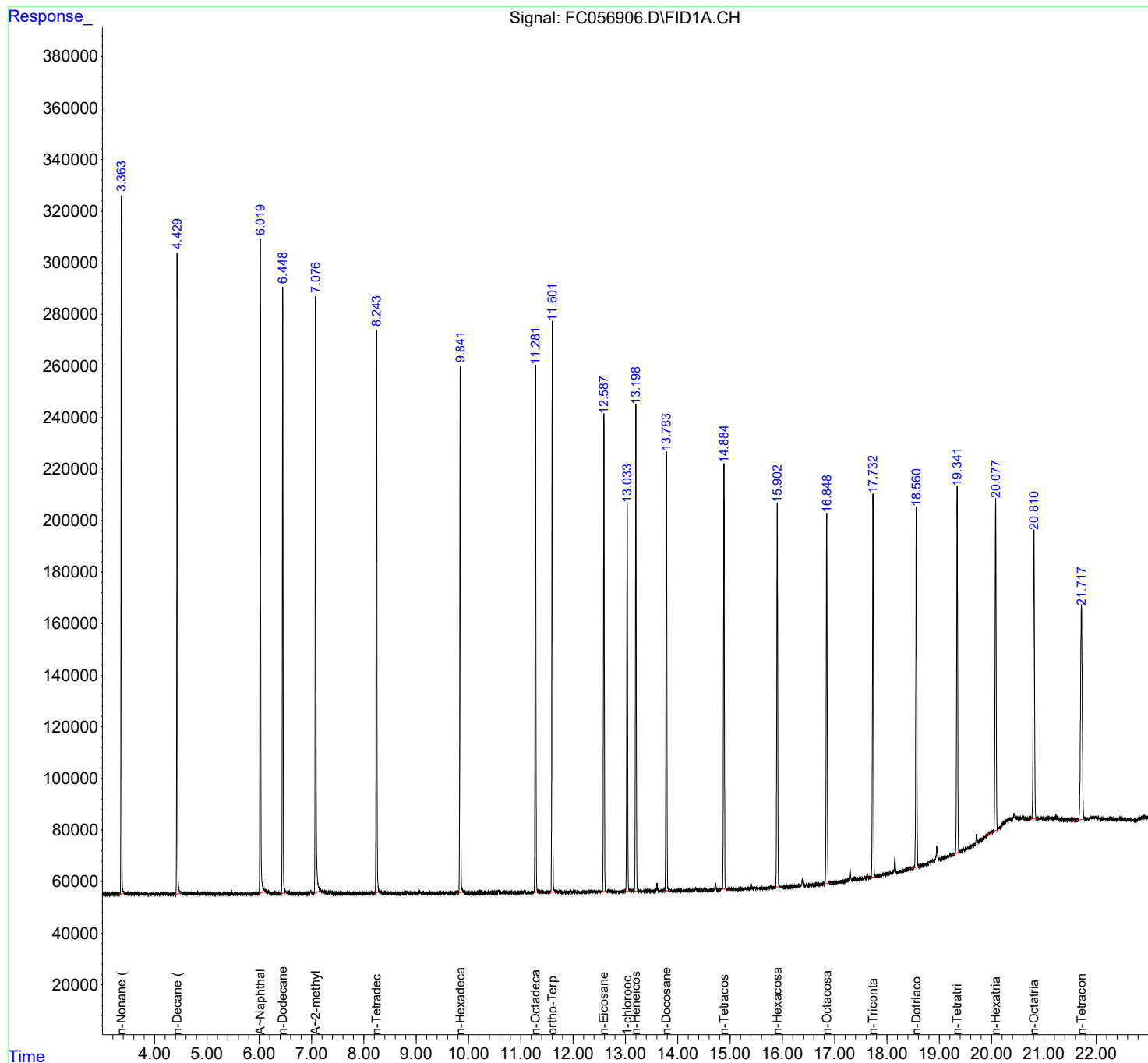
(m)=manual int.

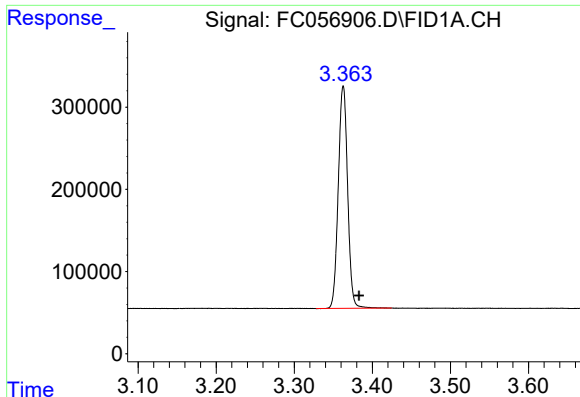
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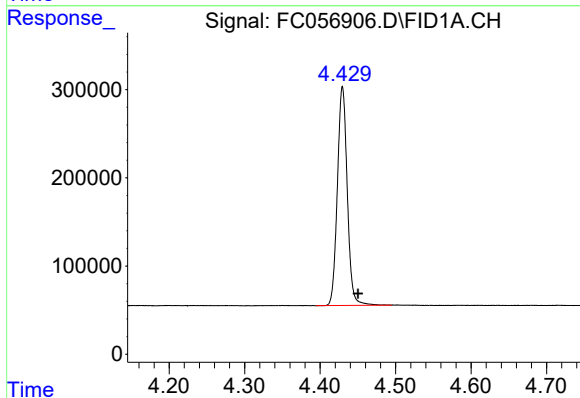




#1 n-Nonane (C9)

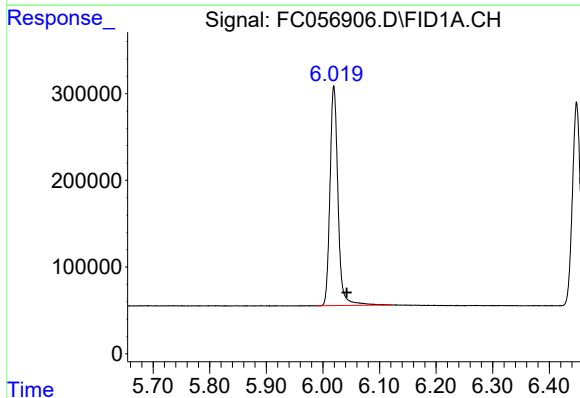
R.T.: 3.363 min
Delta R.T.: -0.020 min
Response: 2251355
Conc: 20.80 ug/ml

Instrument :
FID_B
ClientSampleId :



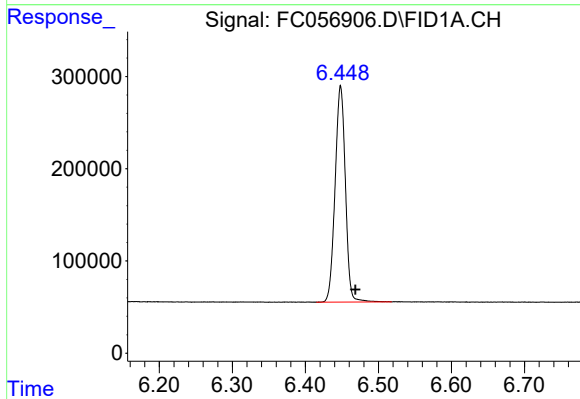
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.021 min
Response: 2261258
Conc: 20.99 ug/ml



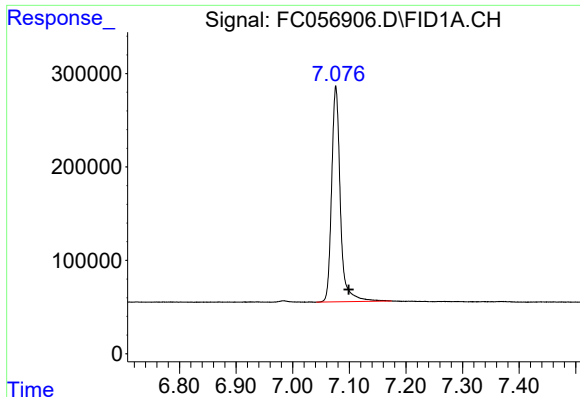
#3 A~Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.022 min
Response: 2500327
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

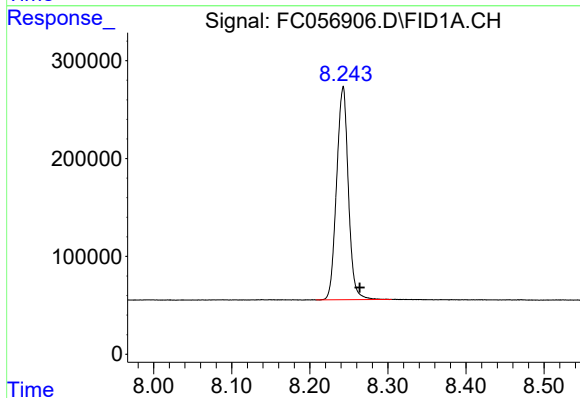
R.T.: 6.448 min
Delta R.T.: -0.020 min
Response: 2293241
Conc: 20.80 ug/ml



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

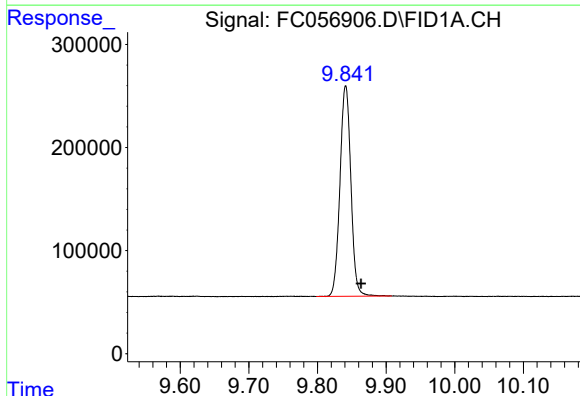
R.T.: 7.076 min
Delta R.T.: -0.022 min
Response: 2474112
Conc: 20.20 ug/ml

Instrument :
FID_B
ClientSampleId :



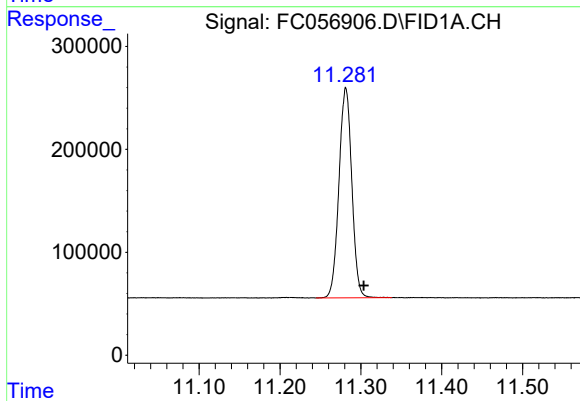
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.022 min
Response: 2274591
Conc: 20.26 ug/ml



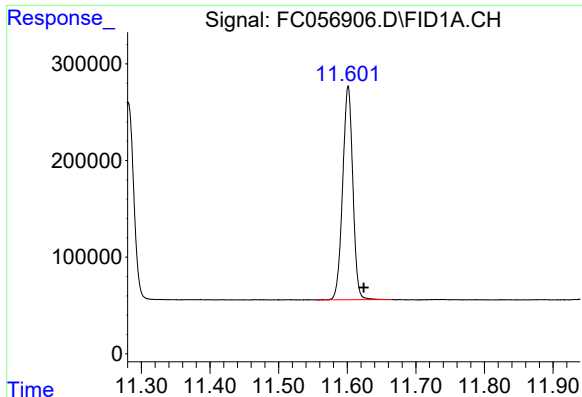
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.023 min
Response: 2252338
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

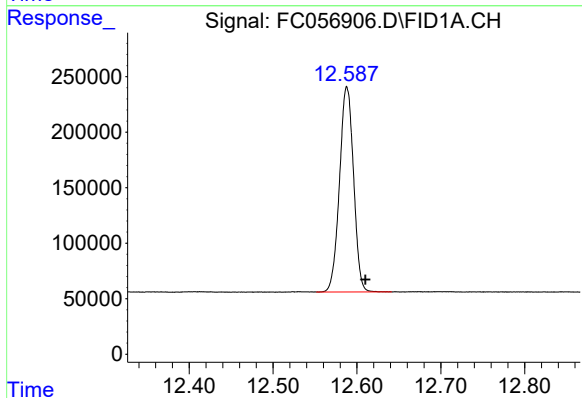
R.T.: 11.281 min
Delta R.T.: -0.022 min
Response: 2252804
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

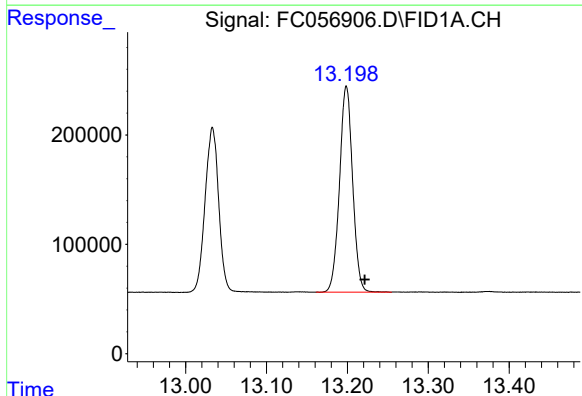
R.T.: 11.601 min
Delta R.T.: -0.023 min
Response: 2278011
Conc: 18.40 ug/ml

Instrument :
FID_B
ClientSampleId :



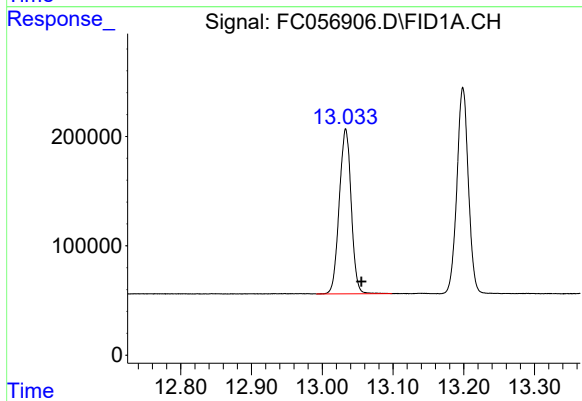
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: -0.022 min
Response: 2151054
Conc: 18.72 ug/ml



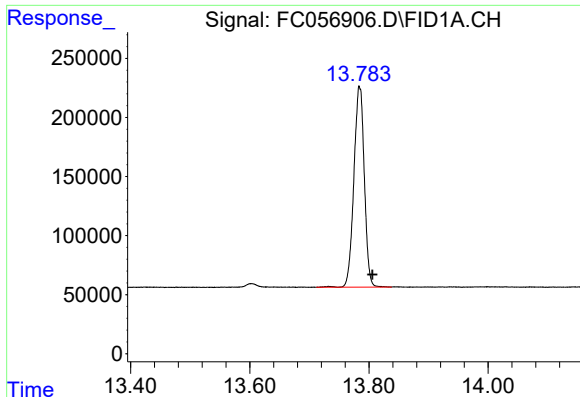
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.022 min
Response: 2120183
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

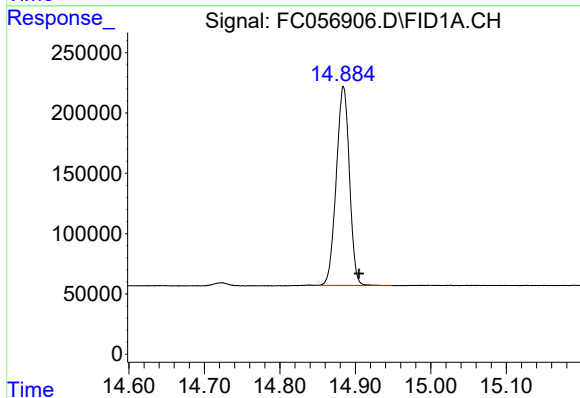
R.T.: 13.033 min
Delta R.T.: -0.022 min
Response: 1764644
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

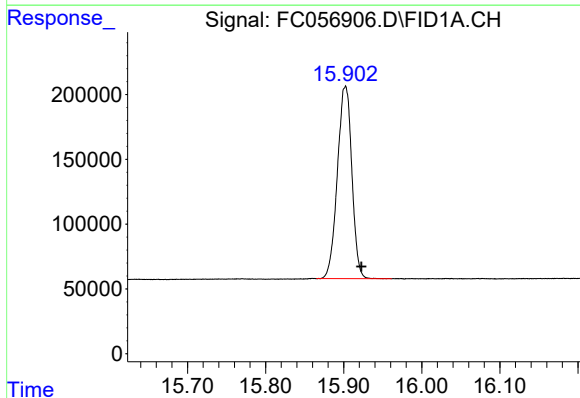
R.T.: 13.784 min
Delta R.T.: -0.021 min
Response: 2068406
Conc: 18.37 ug/ml

Instrument :
FID_B
ClientSampleId :



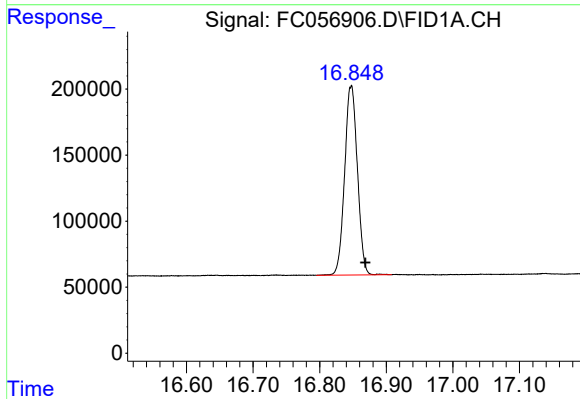
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: -0.021 min
Response: 1996614
Conc: 18.12 ug/ml



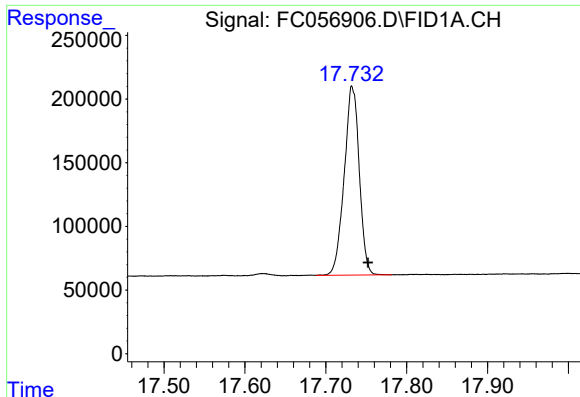
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: -0.021 min
Response: 1912556
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

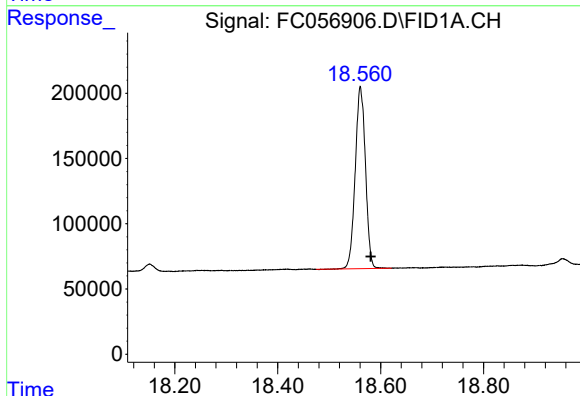
R.T.: 16.847 min
Delta R.T.: -0.022 min
Response: 1907276
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

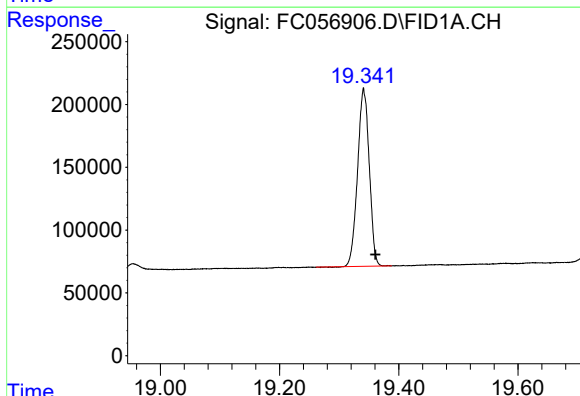
R.T.: 17.733 min
Delta R.T.: -0.019 min
Response: 1922370
Conc: 18.55 ug/ml

Instrument :
FID_B
ClientSampleId :



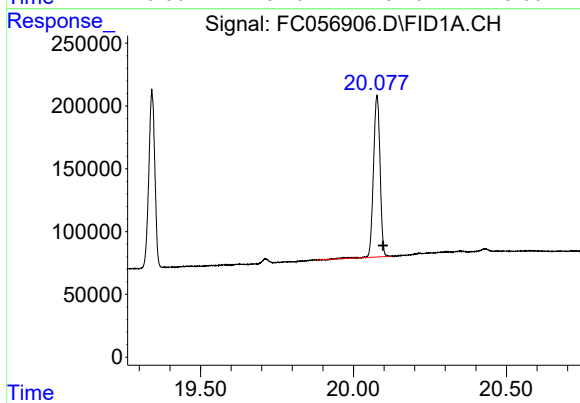
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.020 min
Response: 1923377
Conc: 20.08 ug/ml



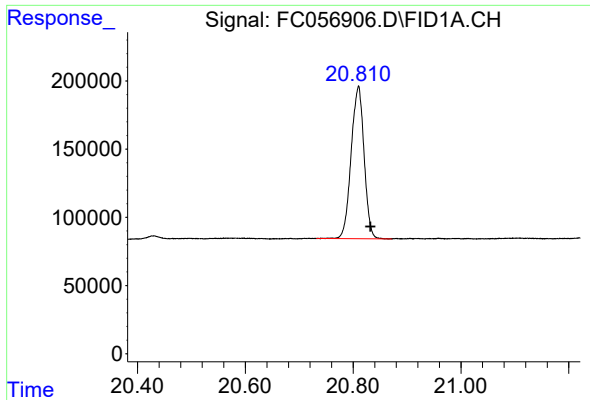
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.019 min
Response: 1922792
Conc: 21.92 ug/ml



#20 n-Hexatriacontane (C36)

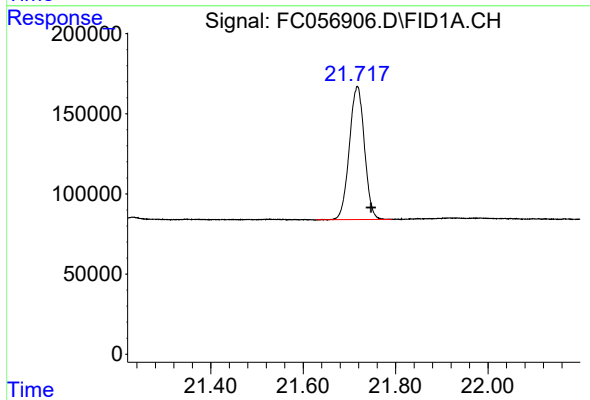
R.T.: 20.077 min
Delta R.T.: -0.020 min
Response: 1917988
Conc: 23.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.023 min
Response: 1857922
Conc: 23.23 ug/ml

Instrument :
FID_B
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.030 min
Response: 1880747
Conc: 22.83 ug/ml