

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082820AL\
 Data File : FC049303.D
 Signal(s) : FID1A.CH
 Acq On : 28 Aug 2020 21:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 02:29:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.675	2539647	21.375 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
12) S 1-chlorooctadecane (S...	13.107	2064505	21.222 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
Target Compounds			
1) T n-Nonane (C9)	3.405	2247882	21.552 ug/ml
2) T n-Decane (C10)	4.481	2322473	22.142 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2640126	22.324 ug/ml
4) T n-Dodecane (C12)	6.507	2395925	22.589 ug/ml
5) T A~2-methylnaphthalene...	7.139	2723467	22.588 ug/ml
6) T n-Tetradecane (C14)	8.306	2400142	22.792 ug/ml
7) T n-Hexadecane (C16)	9.909	2367815	22.558 ug/ml
8) T n-Octadecane (C18)	11.351	2452125	22.320 ug/ml
10) T n-Eicosane (C20)	12.661	2426266	21.803 ug/ml
11) T n-Heneicosane (C21)	13.273	2389809	21.393 ug/ml
13) T n-Docosane (C22)	13.859	2367738	21.065 ug/ml
14) T n-Tetracosane (C24)	14.962	2290126	20.144 ug/ml
15) T n-Hexacosane (C26)	15.982	2188902	19.131 ug/ml
16) T n-Octacosane (C28)	16.931	2137131	18.370 ug/ml
17) T n-Tricontane (C30)	17.817	2074664	17.947 ug/ml
18) T n-Dotriacontane (C32)	18.648	1923754	17.792 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1819103	17.539 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1755893	17.660 ug/ml
21) T n-Octatriacontane (C38)	20.921	1688638	17.858 ug/ml
22) T n-Tetracontane (C40)	21.870	1727067	18.091 ug/ml

(f)=RT Delta > 1/2 Window

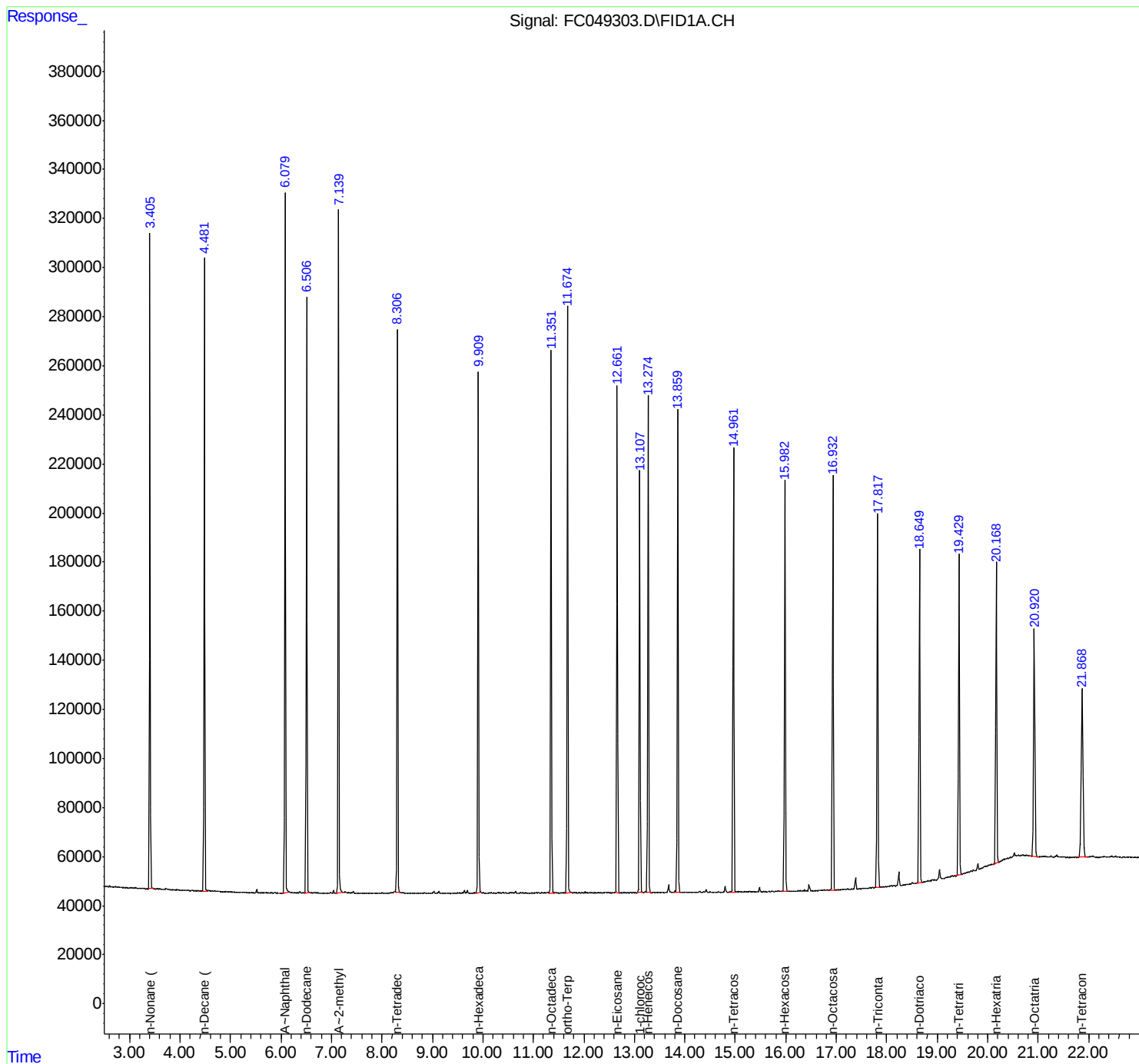
(m)=manual int.

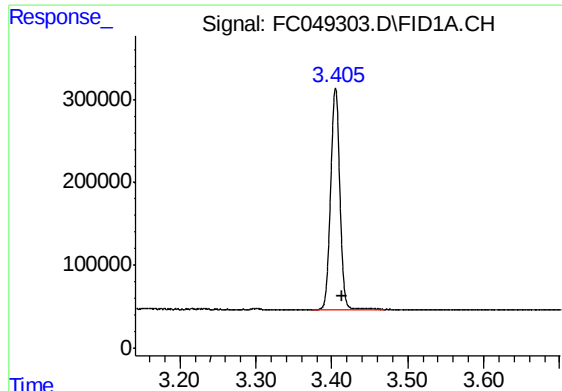
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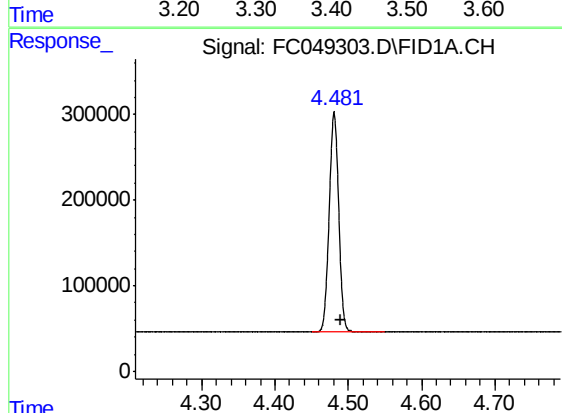




#1 n-Nonane (C9)

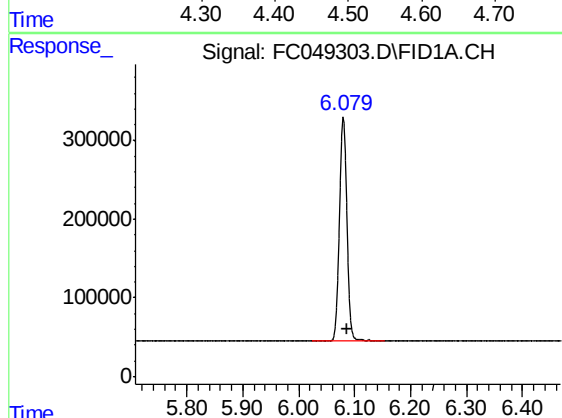
R.T.: 3.405 min
Delta R.T.: -0.008 min
Response: 2247882
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



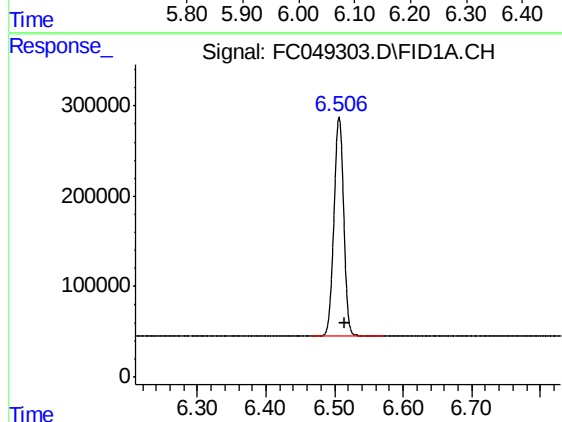
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.008 min
Response: 2322473
Conc: 22.14 ug/ml



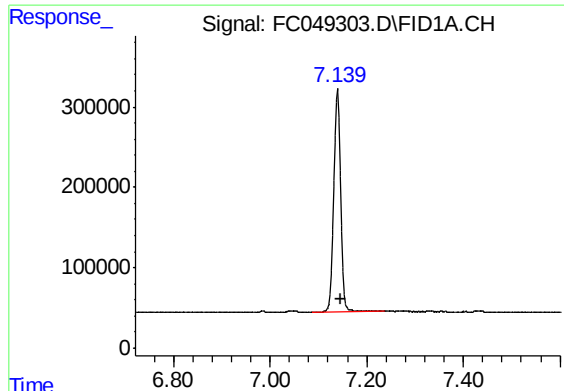
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2640126
Conc: 22.32 ug/ml



#4 n-Dodecane (C12)

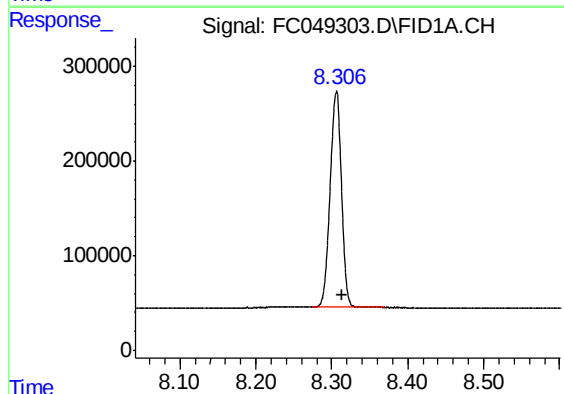
R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2395925
Conc: 22.59 ug/ml



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

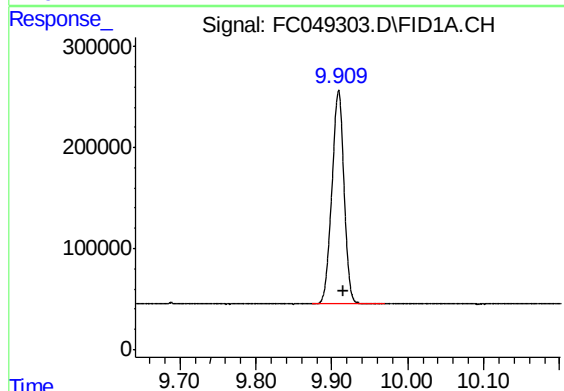
R.T.: 7.139 min
Delta R.T.: -0.008 min
Response: 2723467
Conc: 22.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



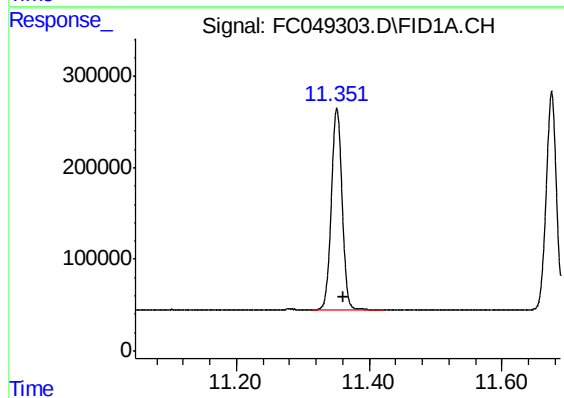
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 2400142
Conc: 22.79 ug/ml



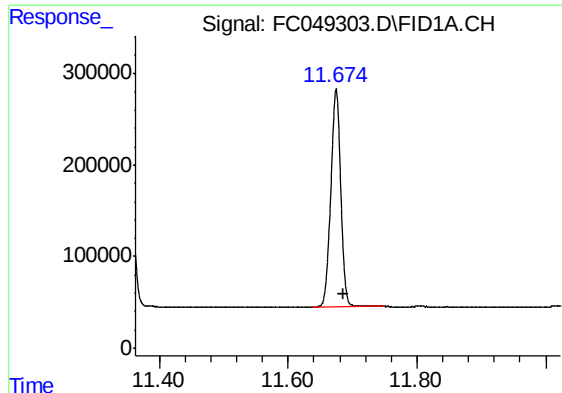
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2367815
Conc: 22.56 ug/ml



#8 n-Octadecane (C18)

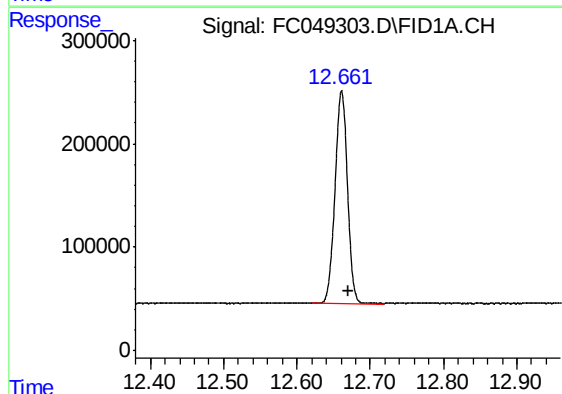
R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 2452125
Conc: 22.32 ug/ml



#9 ortho-Terphenyl (SURR)

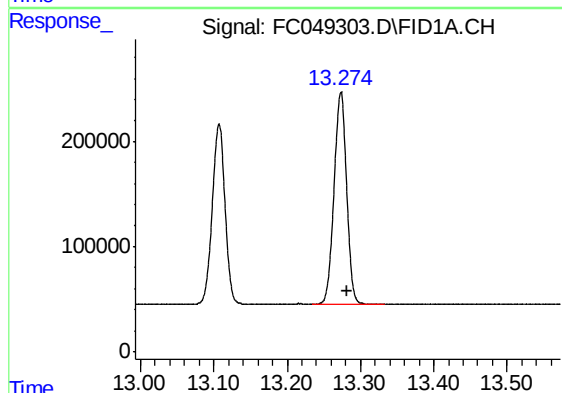
R.T.: 11.675 min
Delta R.T.: -0.011 min
Response: 2539647
Conc: 21.37 ug/ml

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20 PPM ALIPHATIC HC STD



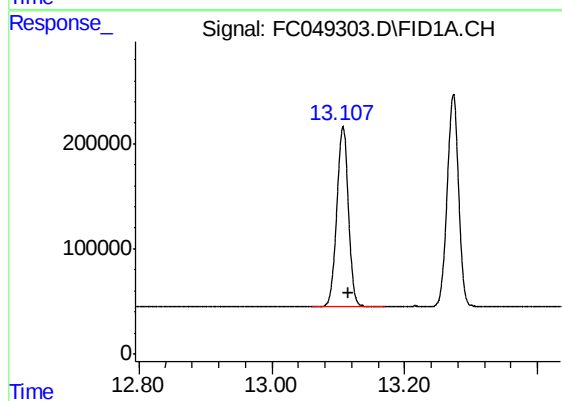
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: -0.009 min
Response: 2426266
Conc: 21.80 ug/ml



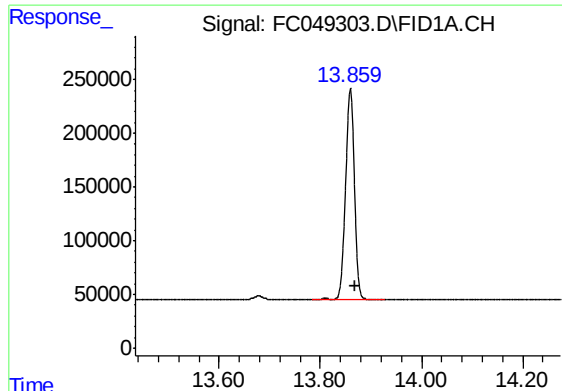
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.009 min
Response: 2389809
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

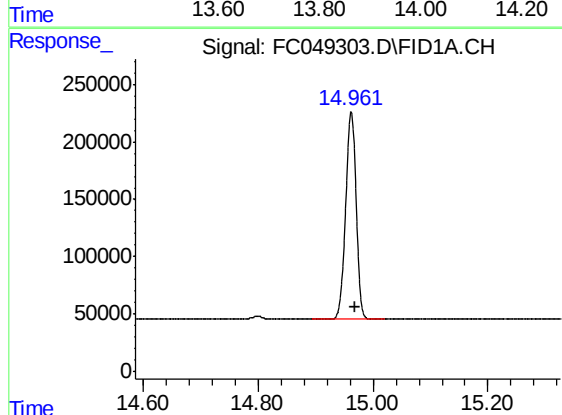
R.T.: 13.107 min
Delta R.T.: -0.008 min
Response: 2064505
Conc: 21.22 ug/ml



#13 n-Docosane (C22)

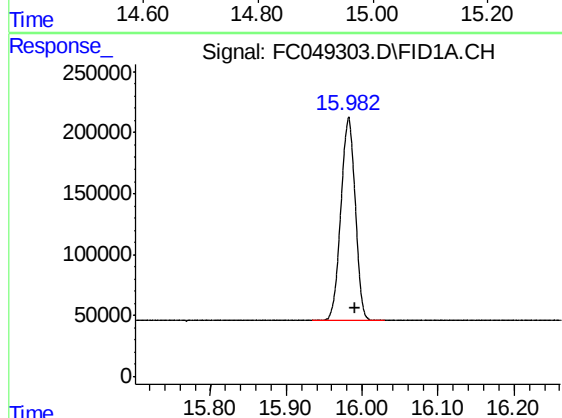
R.T.: 13.859 min
Delta R.T.: -0.008 min
Response: 2367738
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



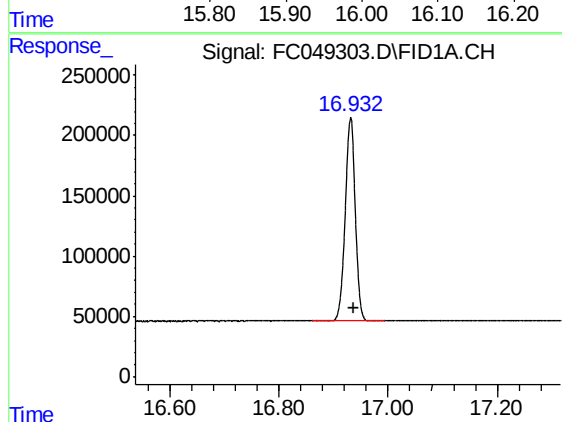
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.007 min
Response: 2290126
Conc: 20.14 ug/ml



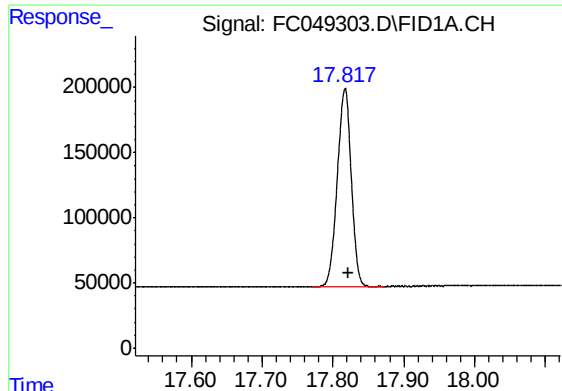
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.008 min
Response: 2188902
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

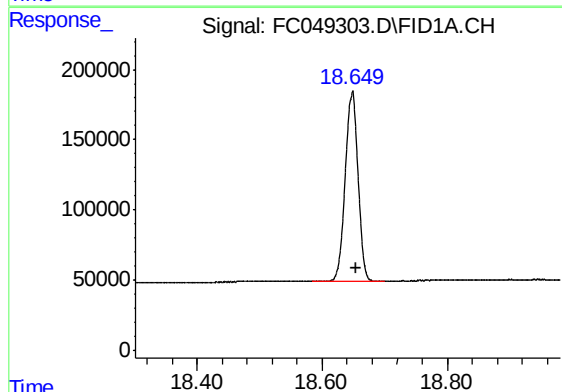
R.T.: 16.931 min
Delta R.T.: -0.006 min
Response: 2137131
Conc: 18.37 ug/ml



#17 n-Tricontane (C30)

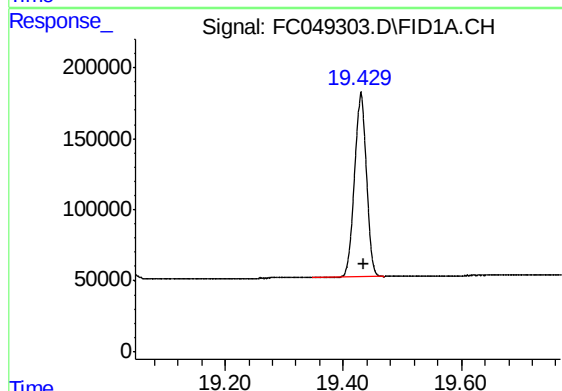
R.T.: 17.817 min
Delta R.T.: -0.006 min
Response: 2074664
Conc: 17.95 ug/ml

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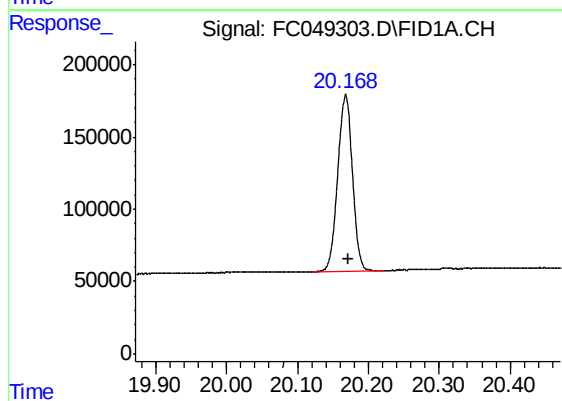
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.006 min
Response: 1923754
Conc: 17.79 ug/ml



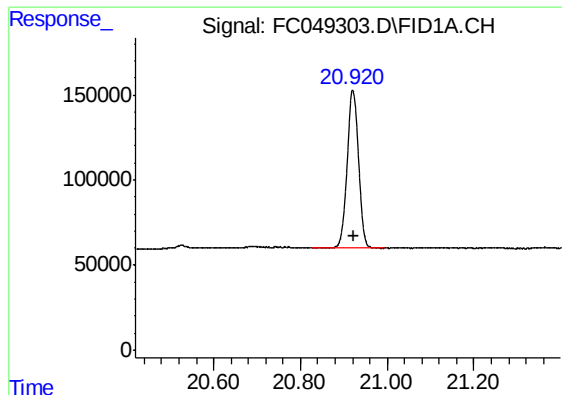
#19 n-Tetatriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.004 min
Response: 1819103
Conc: 17.54 ug/ml



#20 n-Hexatriacontane (C36)

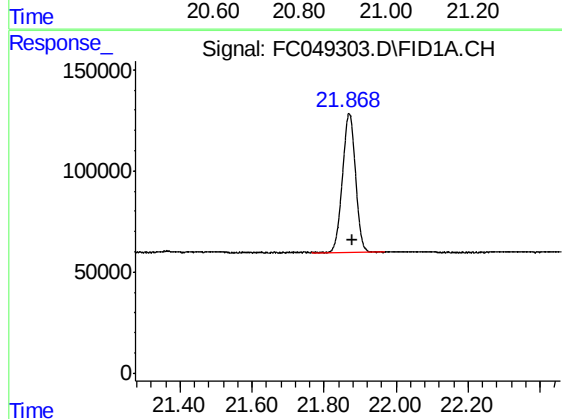
R.T.: 20.168 min
Delta R.T.: -0.004 min
Response: 1755893
Conc: 17.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.003 min
Response: 1688638
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: -0.007 min
Response: 1727067
Conc: 18.09 ug/ml