

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100620AL\
 Data File : FC049946.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2020 1:06
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 07 04:47:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:46:43 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)	11.650	5404894	48.511 ug/ml
Spiked Amount 50.000		Recovery =	97.02%
12) S 1-chlorooctadecane (S...	13.083	4217776	48.851 ug/ml
Spiked Amount 50.000		Recovery =	97.70%
Target Compounds			
1) T n-Nonane (C9)	3.387	4835430	49.371 ug/ml
2) T n-Decane (C10)	4.461	4862459	49.271 ug/ml
3) T A~Naphthalene (C11.7)	6.056	5433636	49.571 ug/ml
4) T n-Dodecane (C12)	6.484	4922761	49.091 ug/ml
5) T A~2-methylnaphthalene...	7.116	5528631	49.625 ug/ml
6) T n-Tetradecane (C14)	8.282	4903709	49.168 ug/ml
7) T n-Hexadecane (C16)	9.884	4802483	49.024 ug/ml
8) T n-Octadecane (C18)	11.328	5014591	48.737 ug/ml
10) T n-Eicosane (C20)	12.638	5030803	48.613 ug/ml
11) T n-Heneicosane (C21)	13.250	5020775	48.542 ug/ml
13) T n-Docosane (C22)	13.835	5024155	48.527 ug/ml
14) T n-Tetracosane (C24)	14.938	5023288	48.380 ug/ml
15) T n-Hexacosane (C26)	15.959	4991435	48.478 ug/ml
16) T n-Octacosane (C28)	16.909	4993113	48.212 ug/ml
17) T n-Tricontane (C30)	17.794	4920019	47.929 ug/ml
18) T n-Dotriacontane (C32)	18.627	4615797	47.194 ug/ml
19) T n-Tetratriacontane (C34)	19.408	4433544	47.514 ug/ml
20) T n-Hexatriacontane (C36)	20.147	4216879	45.951 ug/ml
21) T n-Octatriacontane (C38)	20.895	3982713	47.638 ug/ml
22) T n-Tetracontane (C40)	21.836	4065479	45.251 ug/ml

(f)=RT Delta > 1/2 Window

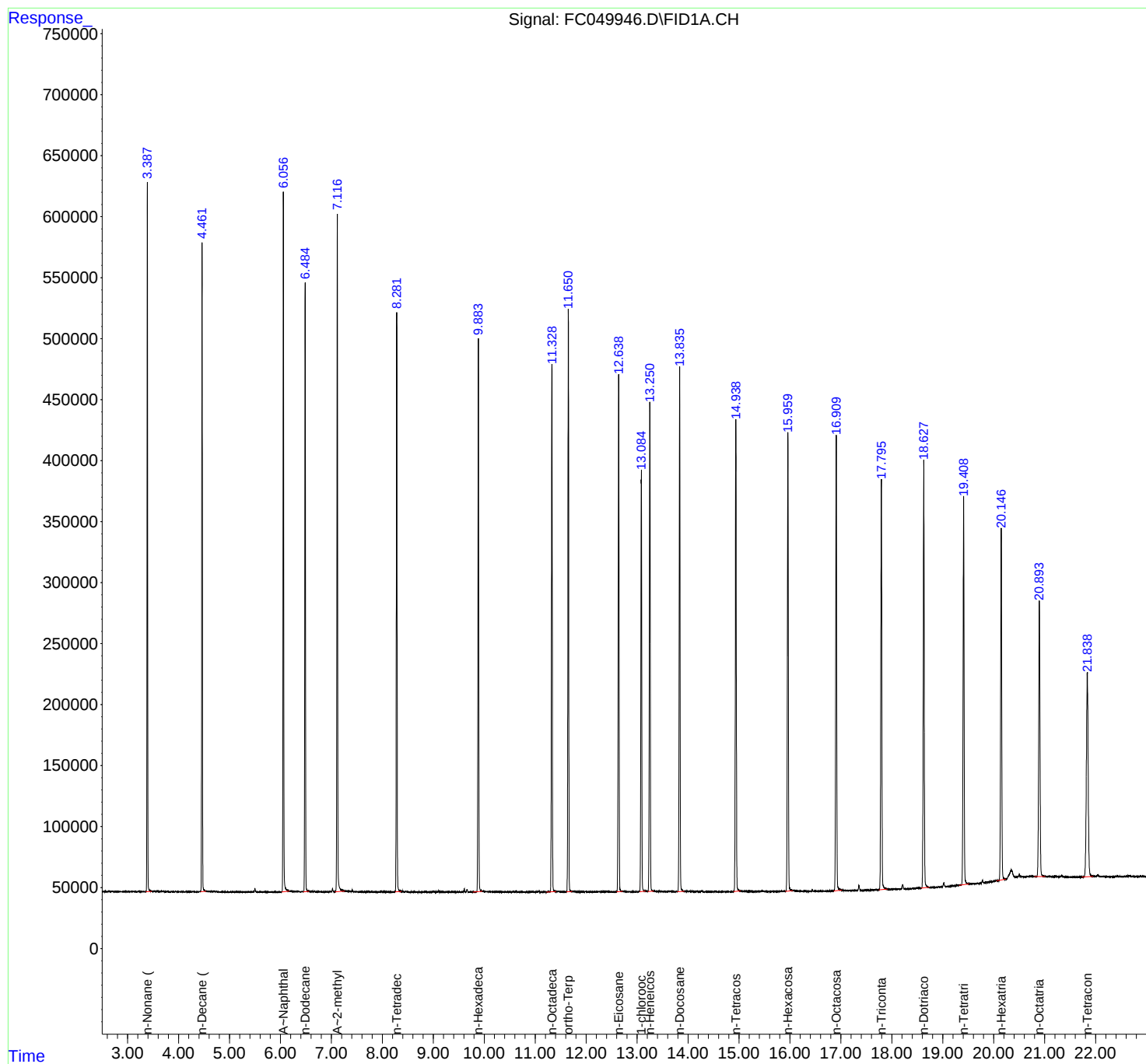
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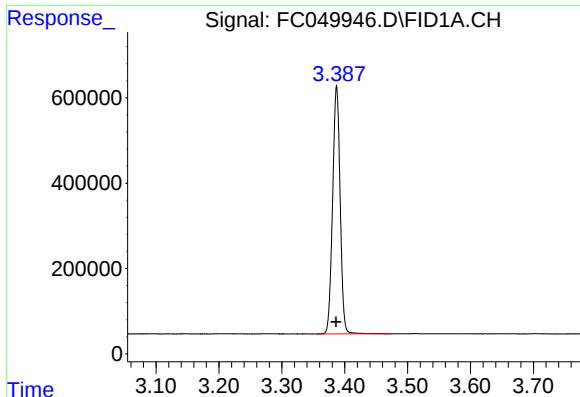
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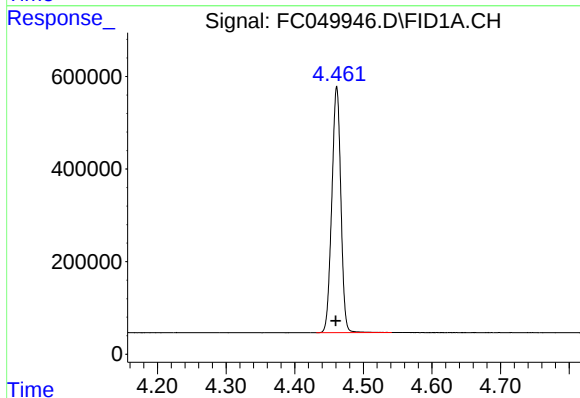




#1 n-Nonane (C9)

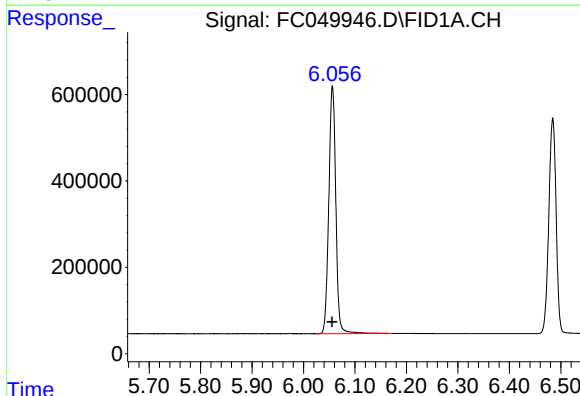
R.T.: 3.387 min
Delta R.T.: 0.001 min
Response: 4835430
Conc: 49.37 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



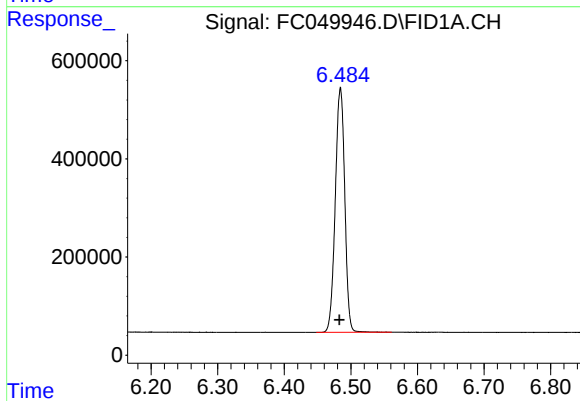
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.001 min
Response: 4862459
Conc: 49.27 ug/ml



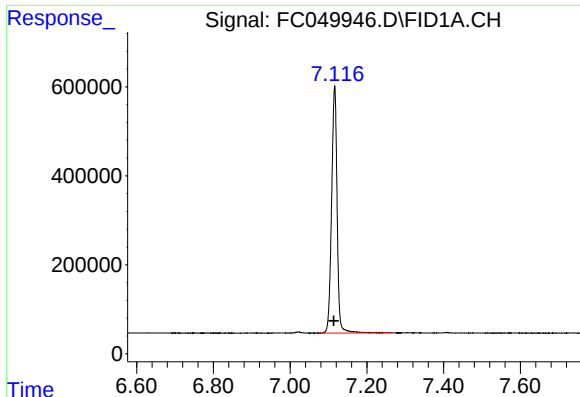
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: 0.001 min
Response: 5433636
Conc: 49.57 ug/ml



#4 n-Dodecane (C12)

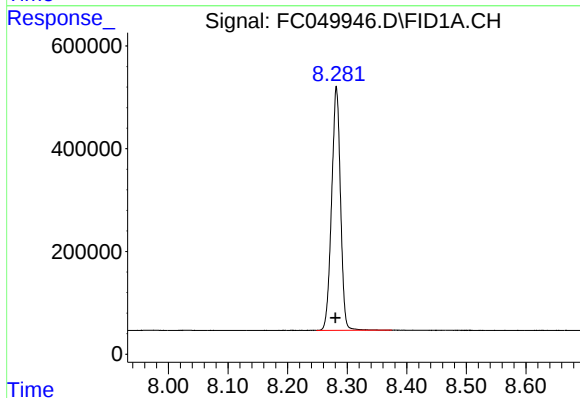
R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 4922761
Conc: 49.09 ug/ml



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

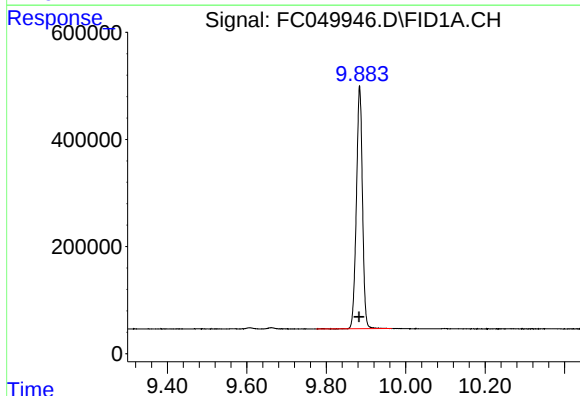
R.T.: 7.116 min
Delta R.T.: 0.002 min
Response: 5528631
Conc: 49.62 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



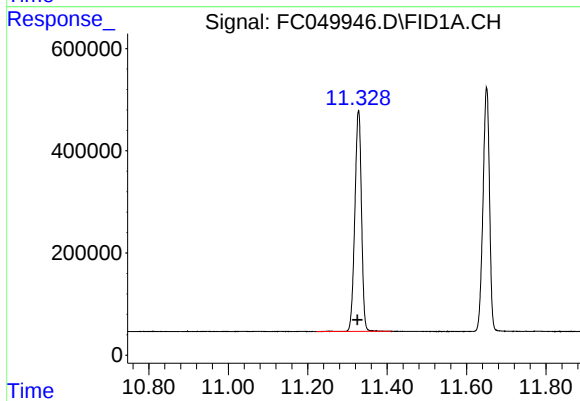
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.002 min
Response: 4903709
Conc: 49.17 ug/ml



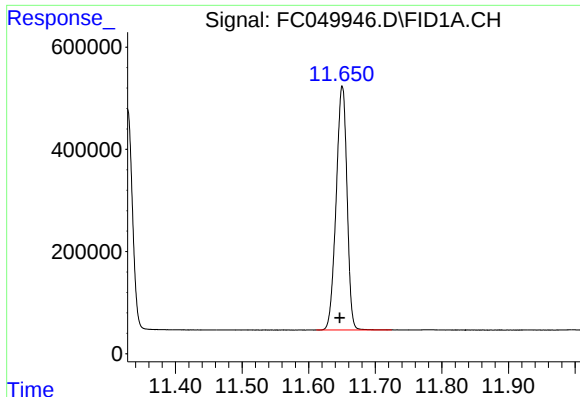
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.002 min
Response: 4802483
Conc: 49.02 ug/ml



#8 n-Octadecane (C18)

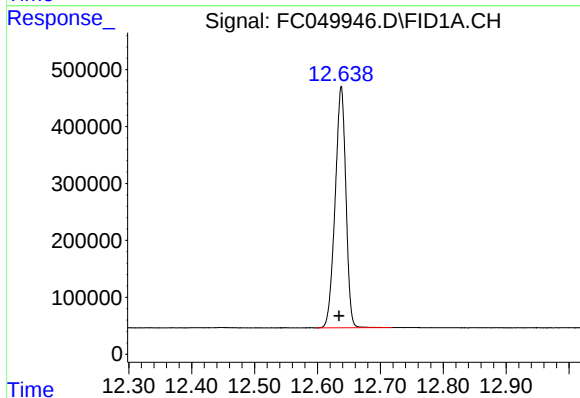
R.T.: 11.328 min
Delta R.T.: 0.003 min
Response: 5014591
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

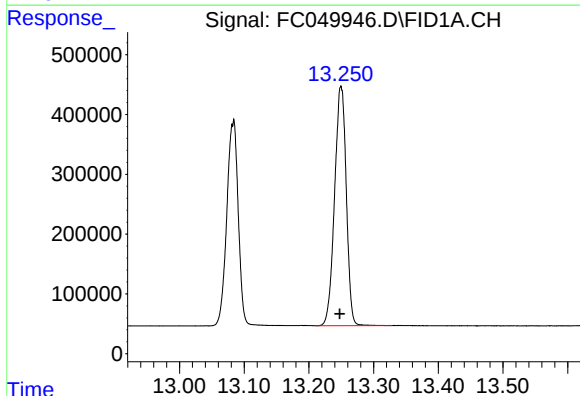
R.T.: 11.650 min
Delta R.T.: 0.003 min
Response: 5404894
Conc: 48.51 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



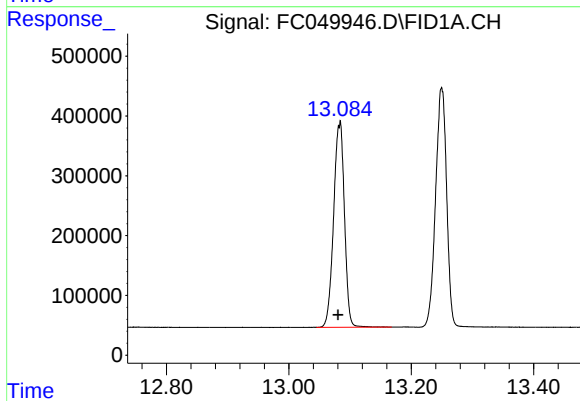
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: 0.003 min
Response: 5030803
Conc: 48.61 ug/ml



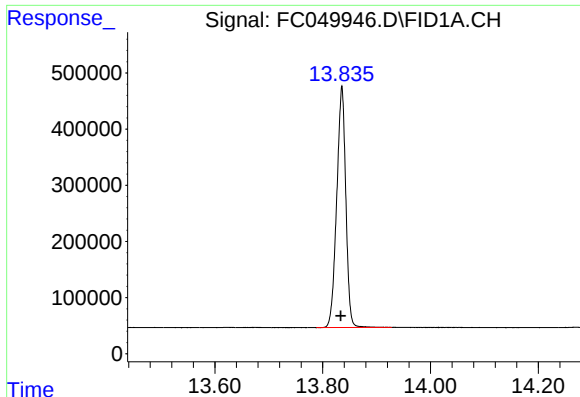
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: 0.002 min
Response: 5020775
Conc: 48.54 ug/ml



#12 1-chlorooctadecane (SURR)

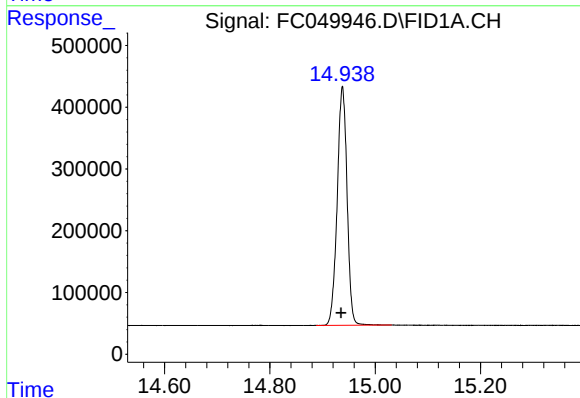
R.T.: 13.083 min
Delta R.T.: 0.003 min
Response: 4217776
Conc: 48.85 ug/ml



#13 n-Docosane (C22)

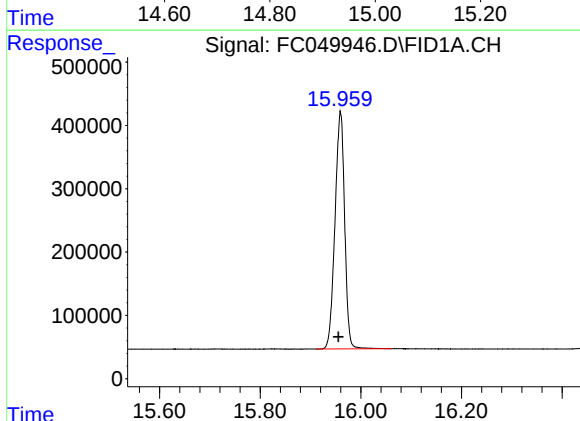
R.T.: 13.835 min
Delta R.T.: 0.002 min
Response: 5024155
Conc: 48.53 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



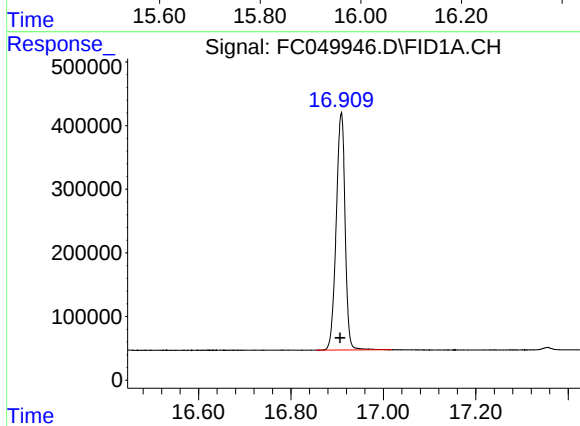
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: 0.002 min
Response: 5023288
Conc: 48.38 ug/ml



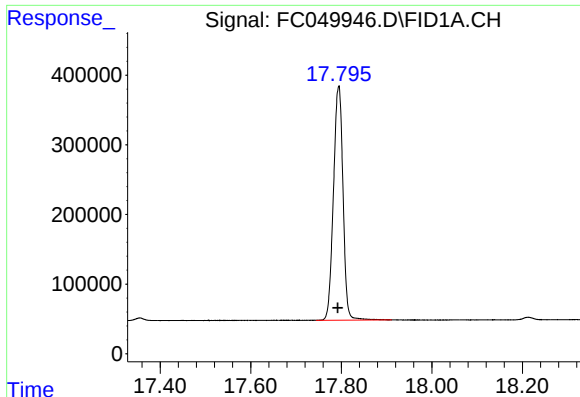
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: 0.004 min
Response: 4991435
Conc: 48.48 ug/ml



#16 n-Octacosane (C28)

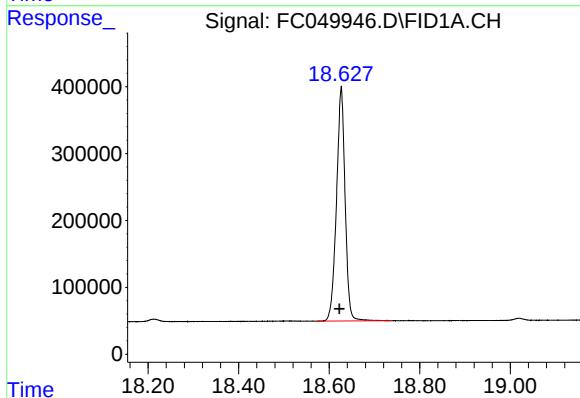
R.T.: 16.909 min
Delta R.T.: 0.003 min
Response: 4993113
Conc: 48.21 ug/ml



#17 n-Tricontane (C30)

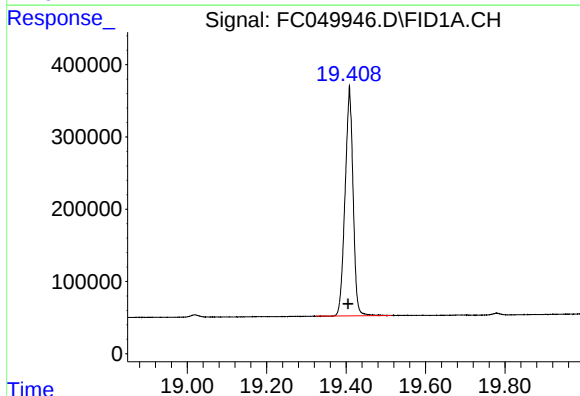
R.T.: 17.794 min
Delta R.T.: 0.002 min
Response: 4920019
Conc: 47.93 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



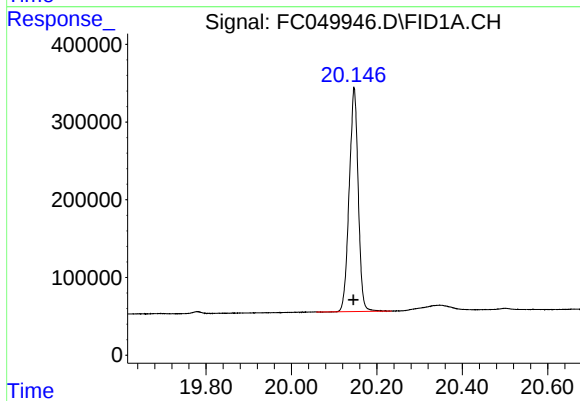
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: 0.004 min
Response: 4615797
Conc: 47.19 ug/ml



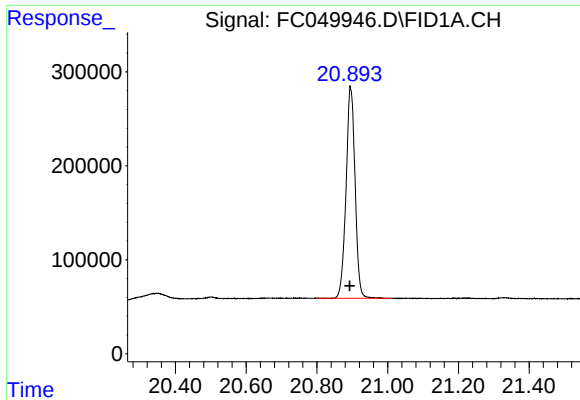
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.004 min
Response: 4433544
Conc: 47.51 ug/ml



#20 n-Hexatriacontane (C36)

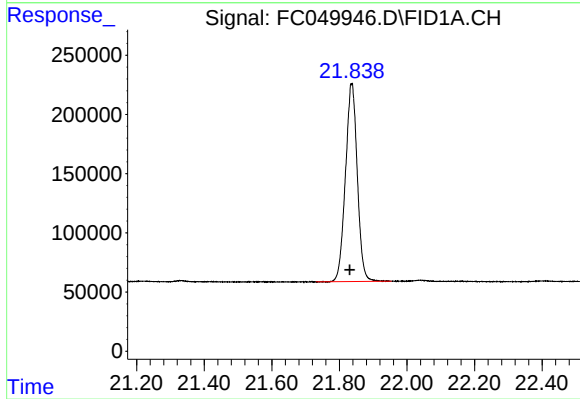
R.T.: 20.147 min
Delta R.T.: 0.002 min
Response: 4216879
Conc: 45.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: 0.002 min
Response: 3982713
Conc: 47.64 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.836 min
Delta R.T.: 0.005 min
Response: 4065479
Conc: 45.25 ug/ml