

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033021AL\
 Data File : FC052878.D
 Signal(s) : FID1A.CH
 Acq On : 31 Mar 2021 12:11
 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: Mar 31 12:35:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.561	2467442	18.408 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.000	1915416	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
Target Compounds			
1) T n-Nonane (C9)	3.319	2455633	21.142 ug/ml
2) T n-Decane (C10)	4.385	2494943	21.291 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2752252	21.021 ug/ml
4) T n-Dodecane (C12)	6.404	2540714	21.161 ug/ml
5) T A~2-methylnaphthalene...	7.028	2780615	20.773 ug/ml
6) T n-Tetradecane (C14)	8.202	2514442	20.790 ug/ml
7) T n-Hexadecane (C16)	9.803	2431803	20.219 ug/ml
8) T n-Octadecane (C18)	11.245	2425273	19.222 ug/ml
10) T n-Eicosane (C20)	12.554	2325013	18.208 ug/ml
11) T n-Heneicosane (C21)	13.167	2258004	17.765 ug/ml
13) T n-Docosane (C22)	13.753	2199667	17.364 ug/ml
14) T n-Tetracosane (C24)	14.857	2093554	16.759 ug/ml
15) T n-Hexacosane (C26)	15.877	2004685	16.649 ug/ml
16) T n-Octacosane (C28)	16.826	1963068	17.027 ug/ml
17) T n-Tricontane (C30)	17.713	1960863	17.998 ug/ml
18) T n-Dotriacontane (C32)	18.544	1948029	19.414 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1926443	20.958 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1885990	20.682 ug/ml
21) T n-Octatriacontane (C38)	20.799	1845756	22.615 ug/ml
22) T n-Tetracontane (C40)	21.704	1949661	22.634 ug/ml

(f)=RT Delta > 1/2 Window

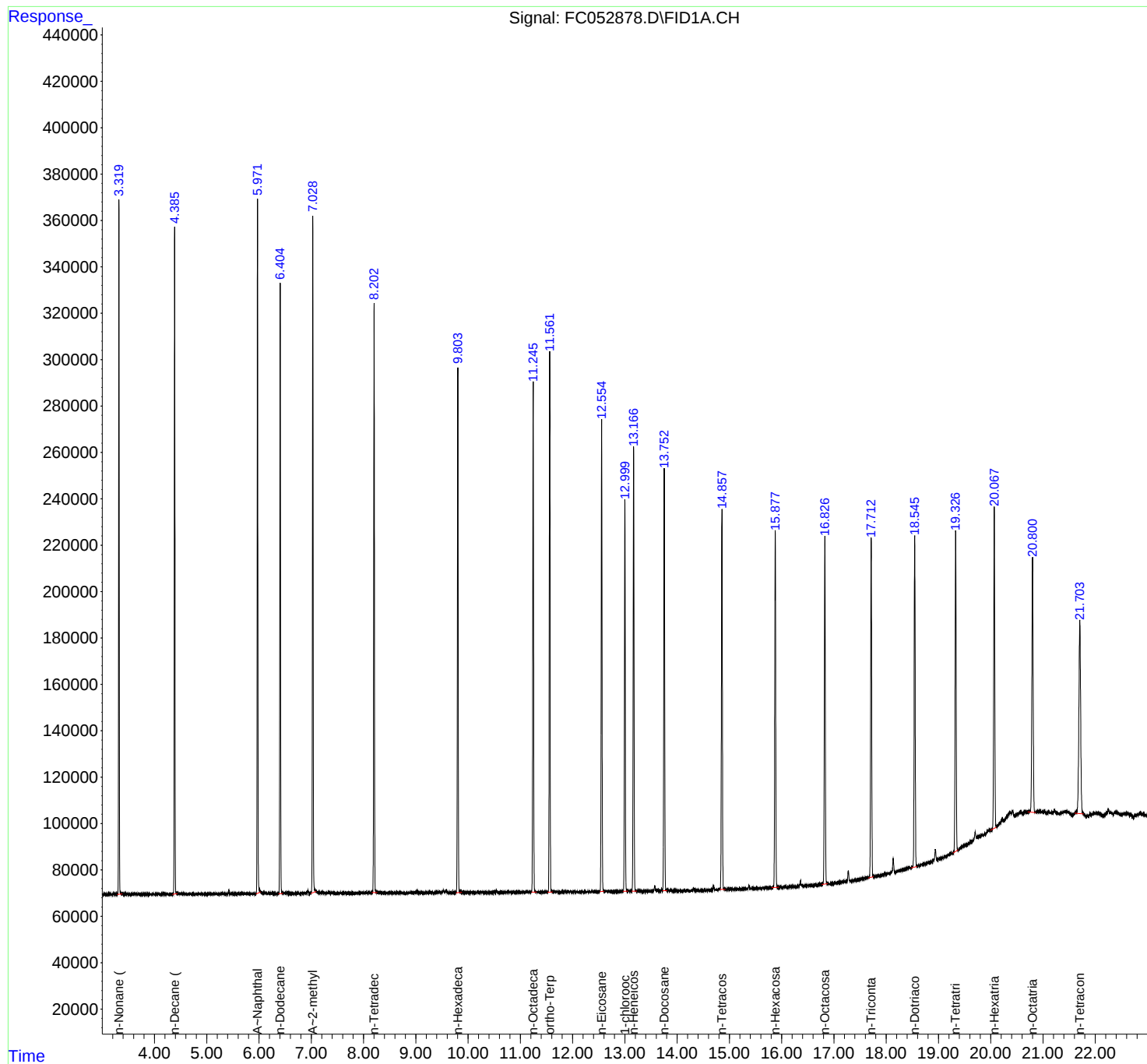
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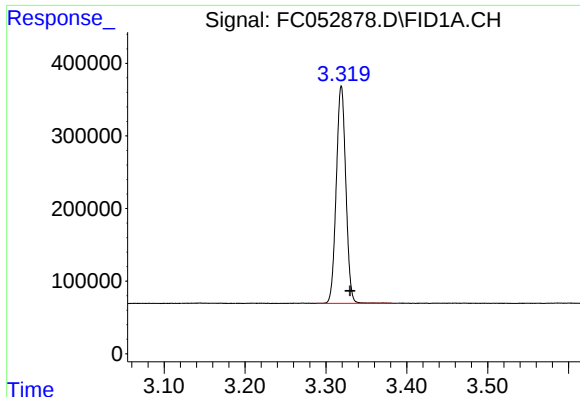
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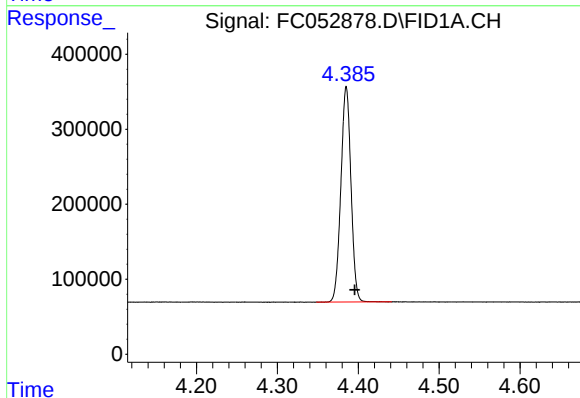




#1 n-Nonane (C9)

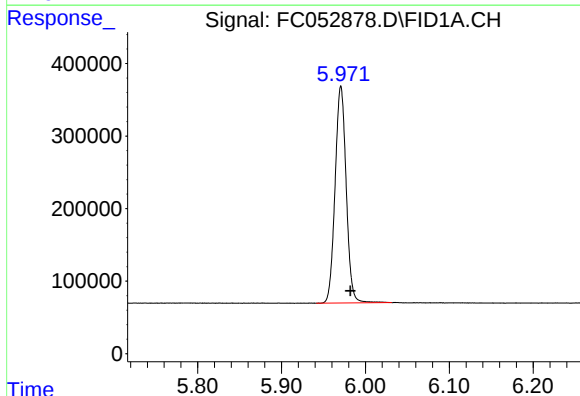
R.T.: 3.319 min
Delta R.T.: -0.011 min
Response: 2455633
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



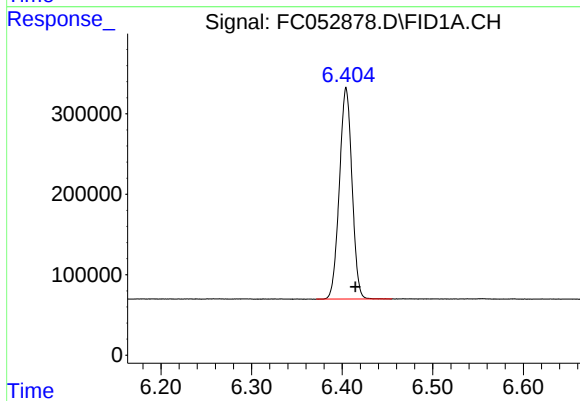
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.011 min
Response: 2494943
Conc: 21.29 ug/ml



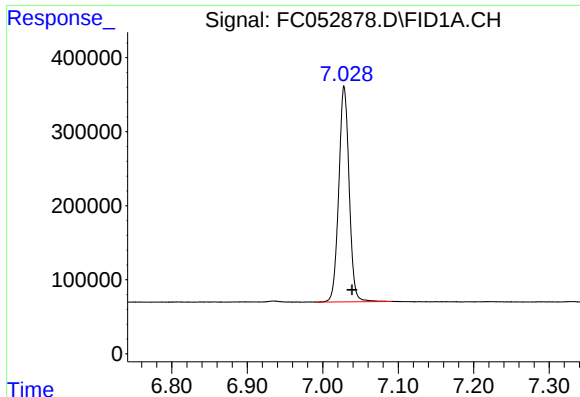
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.011 min
Response: 2752252
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

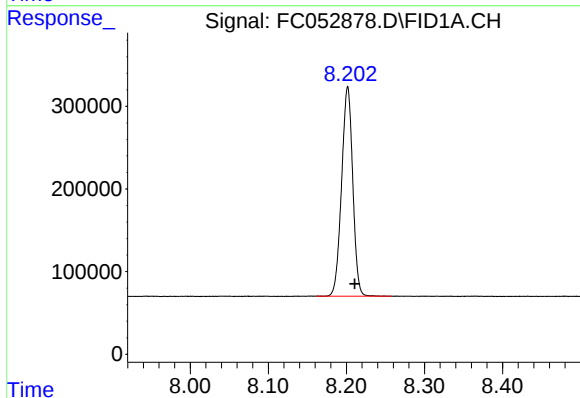
R.T.: 6.404 min
Delta R.T.: -0.010 min
Response: 2540714
Conc: 21.16 ug/ml



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

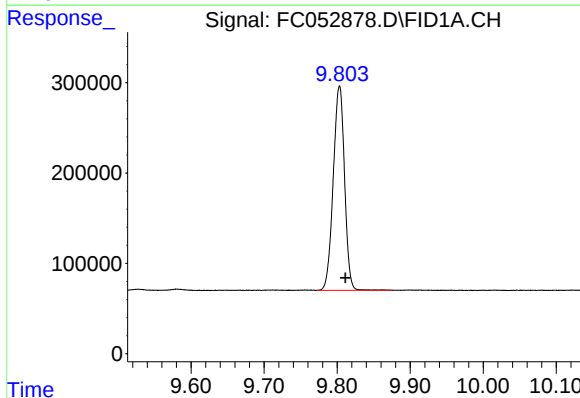
R.T.: 7.028 min
Delta R.T.: -0.010 min
Response: 2780615
Conc: 20.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



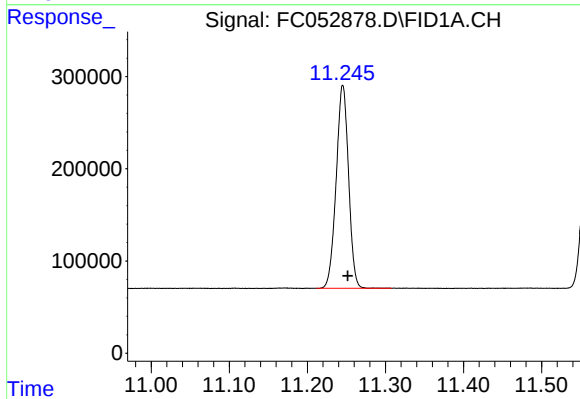
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.009 min
Response: 2514442
Conc: 20.79 ug/ml



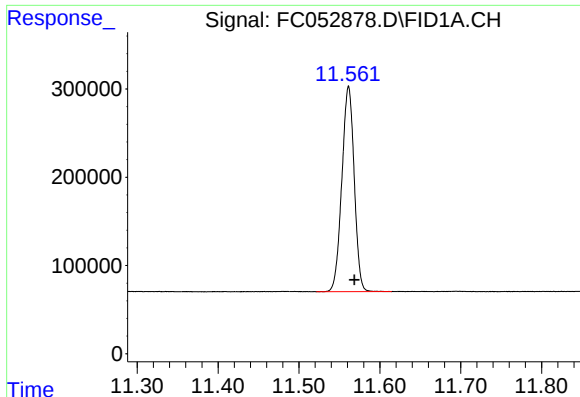
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.008 min
Response: 2431803
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

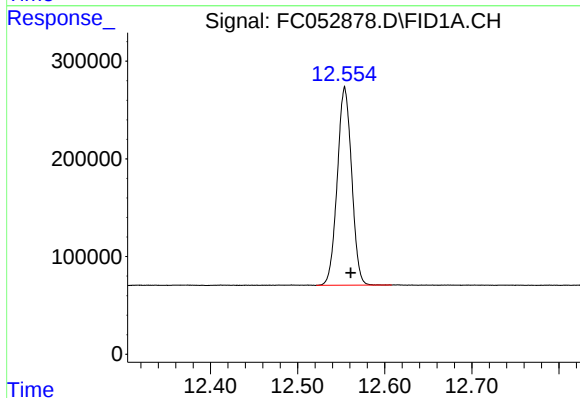
R.T.: 11.245 min
Delta R.T.: -0.006 min
Response: 2425273
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

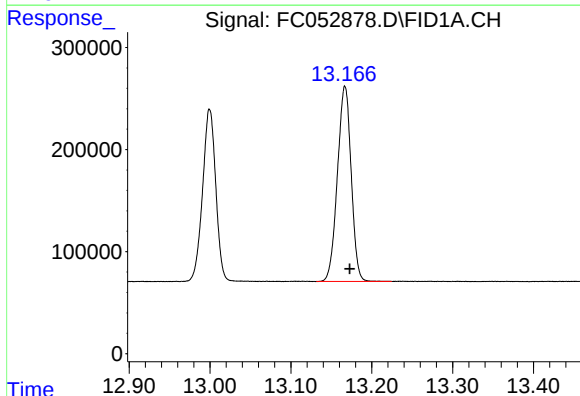
R.T.: 11.561 min
Delta R.T.: -0.007 min
Response: 2467442
Conc: 18.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



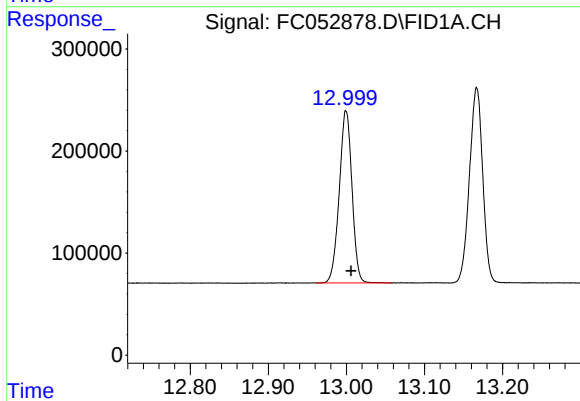
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2325013
Conc: 18.21 ug/ml



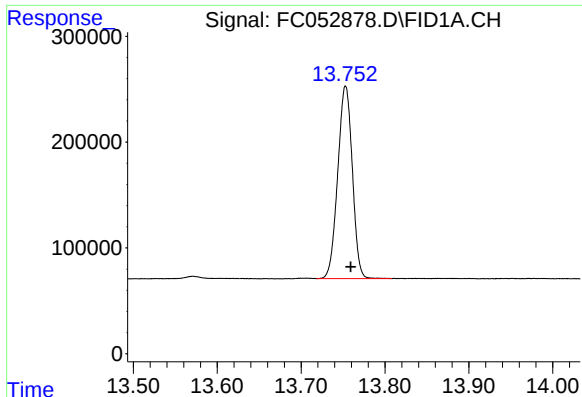
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.006 min
Response: 2258004
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

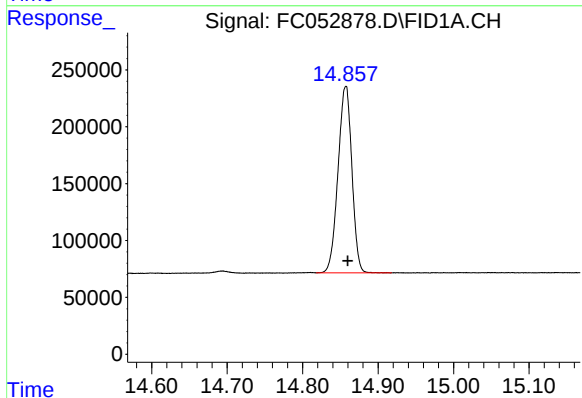
R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 1915416
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

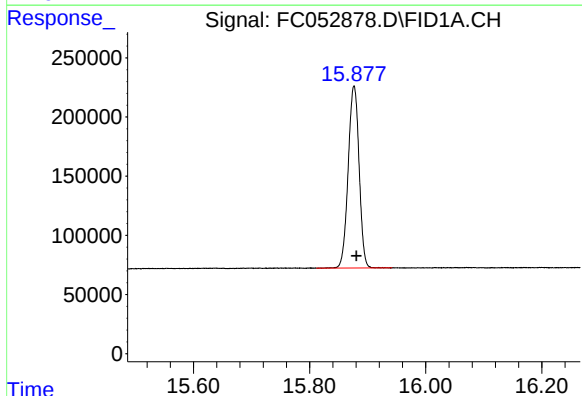
R.T.: 13.753 min
Delta R.T.: -0.006 min
Response: 2199667
Conc: 17.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



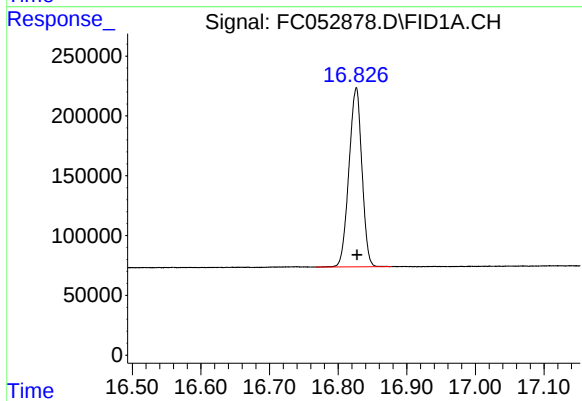
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 2093554
Conc: 16.76 ug/ml



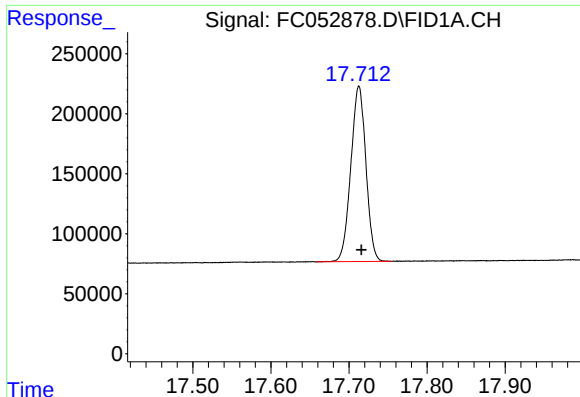
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 2004685
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

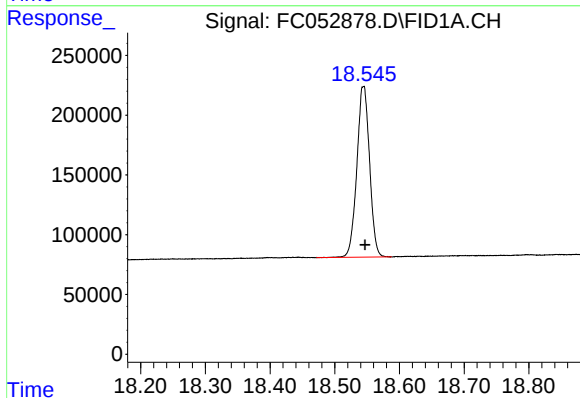
R.T.: 16.826 min
Delta R.T.: -0.002 min
Response: 1963068
Conc: 17.03 ug/ml



#17 n-Tricontane (C30)

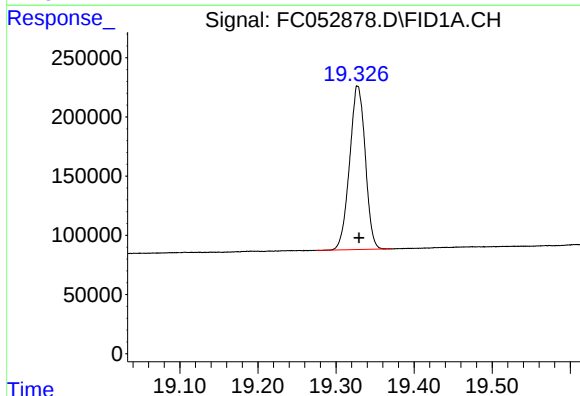
R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 1960863
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



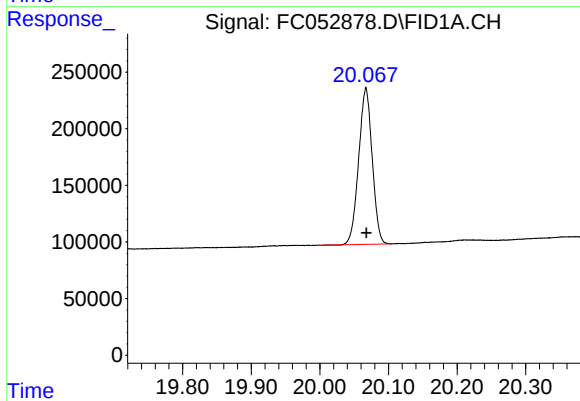
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1948029
Conc: 19.41 ug/ml



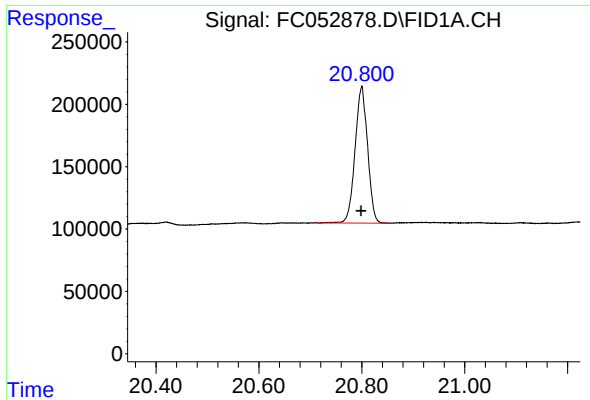
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.001 min
Response: 1926443
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

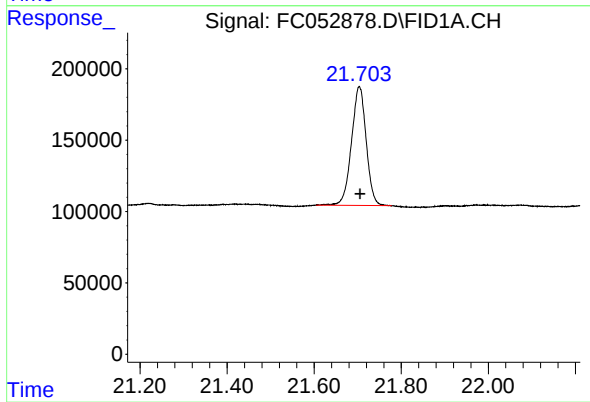
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1885990
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1845756
Conc: 22.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.001 min
Response: 1949661
Conc: 22.63 ug/ml