

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
 Data File : FC051133.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2020 14:45
 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: Dec 04 21:48:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.591	2392410	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.026	1851402	18.979 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.346	2338588	21.975 ug/ml
2) T n-Decane (C10)	4.414	2360798	22.228 ug/ml
3) T A-Naphthalene (C11.7)	6.006	2440367	21.707 ug/ml
4) T n-Dodecane (C12)	6.433	2398454	22.043 ug/ml
5) T A~2-methylnaphthalene...	7.064	2460418	21.771 ug/ml
6) T n-Tetradecane (C14)	8.228	2362481	21.834 ug/ml
7) T n-Hexadecane (C16)	9.829	2279118	21.238 ug/ml
8) T n-Octadecane (C18)	11.271	2323470	20.371 ug/ml
10) T n-Eicosane (C20)	12.580	2265223	19.499 ug/ml
11) T n-Heneicosane (C21)	13.192	2218547	19.148 ug/ml
13) T n-Docosane (C22)	13.778	2219426	19.162 ug/ml
14) T n-Tetracosane (C24)	14.880	2147587	18.673 ug/ml
15) T n-Hexacosane (C26)	15.900	2123700	18.861 ug/ml
16) T n-Octacosane (C28)	16.850	2130131	19.238 ug/ml
17) T n-Tricontane (C30)	17.736	2114917	19.910 ug/ml
18) T n-Dotriacontane (C32)	18.567	2000522	20.474 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1881679	21.083 ug/ml
20) T n-Hexatriacontane (C36)	20.089	1812817	21.736 ug/ml
21) T n-Octatriacontane (C38)	20.828	1697504	21.798 ug/ml
22) T n-Tetracontane (C40)	21.746	1743355	21.055 ug/ml

(f)=RT Delta > 1/2 Window

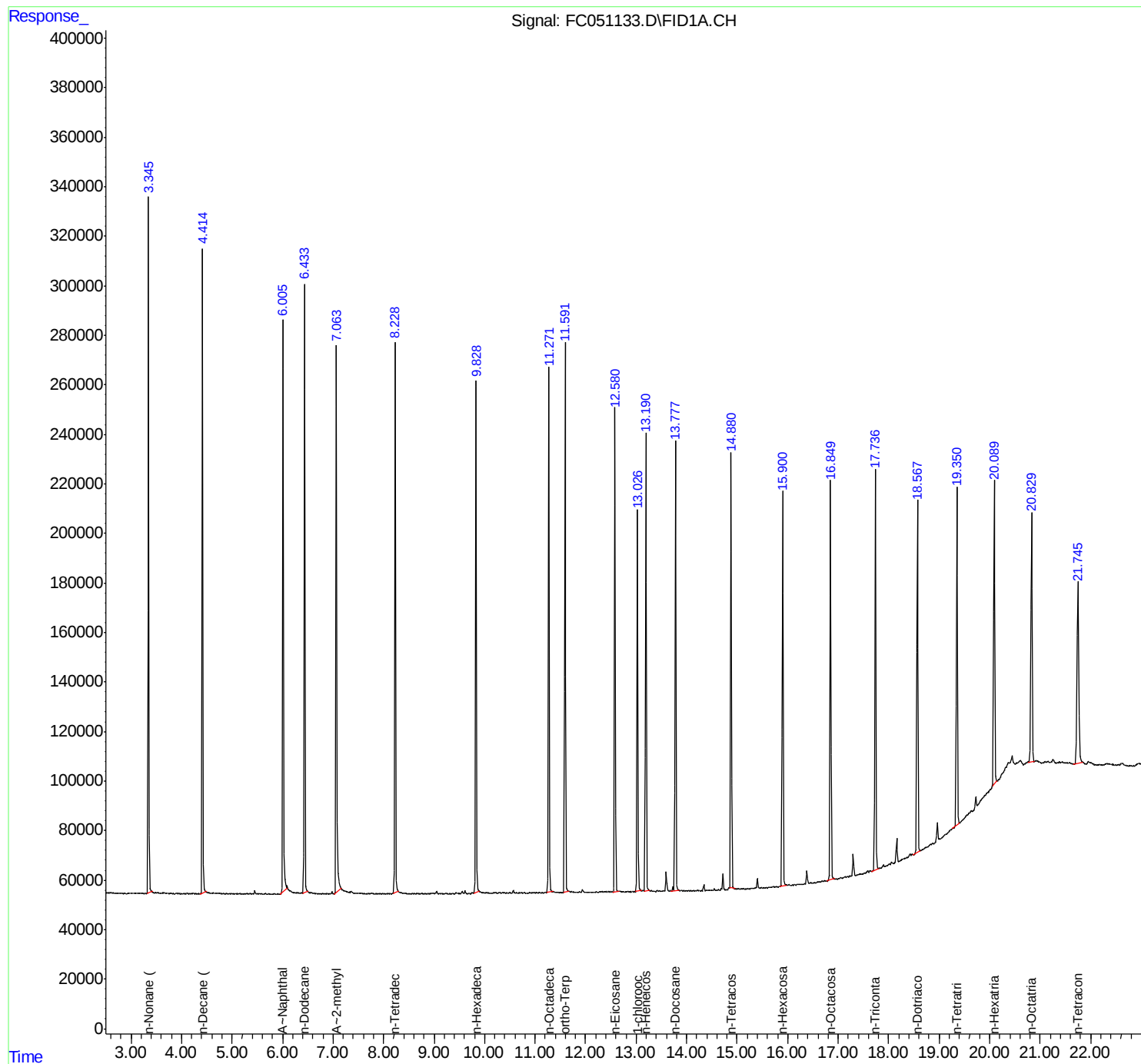
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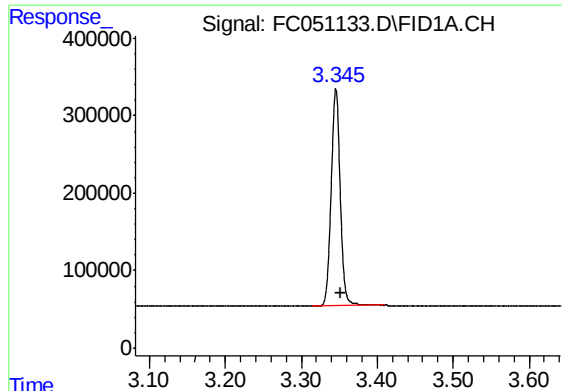
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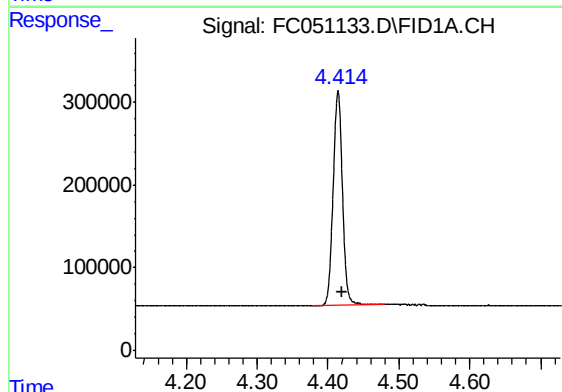




#1 n-Nonane (C9)

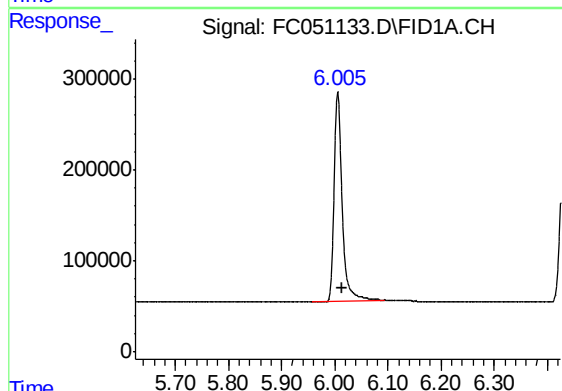
R.T.: 3.346 min
Delta R.T.: -0.006 min
Response: 2338588
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



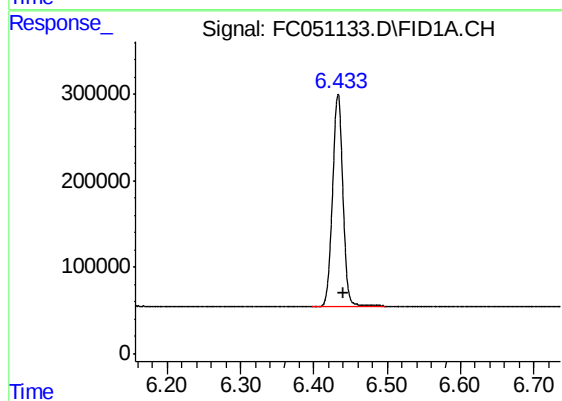
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.006 min
Response: 2360798
Conc: 22.23 ug/ml



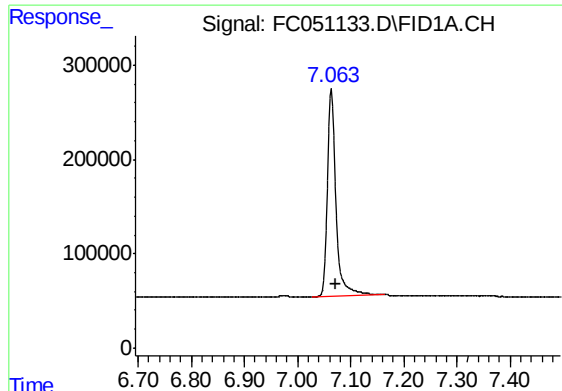
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.008 min
Response: 2440367
Conc: 21.71 ug/ml



#4 n-Dodecane (C12)

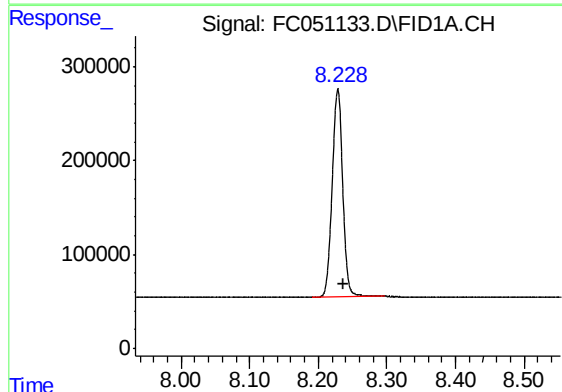
R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 2398454
Conc: 22.04 ug/ml



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

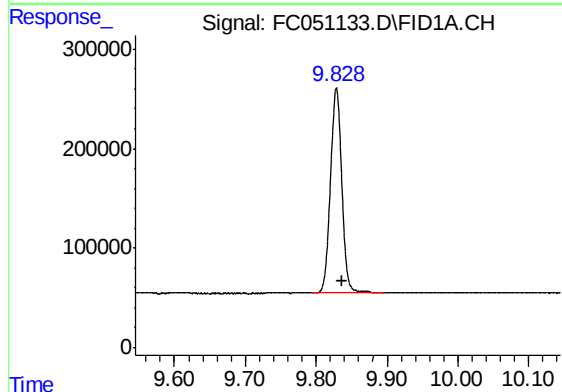
R.T.: 7.064 min
Delta R.T.: -0.008 min
Response: 2460418
Conc: 21.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



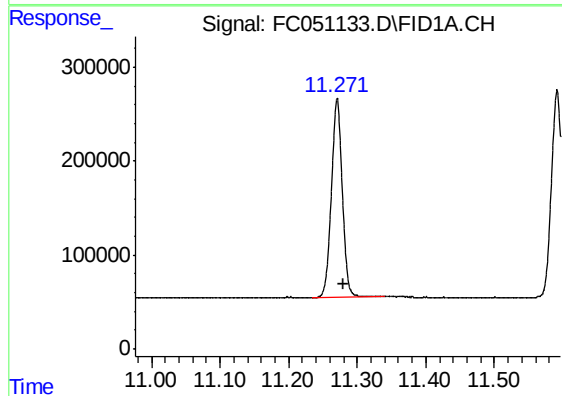
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.008 min
Response: 2362481
Conc: 21.83 ug/ml



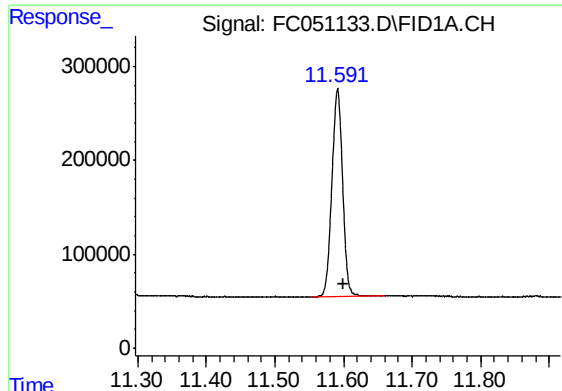
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.009 min
Response: 2279118
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

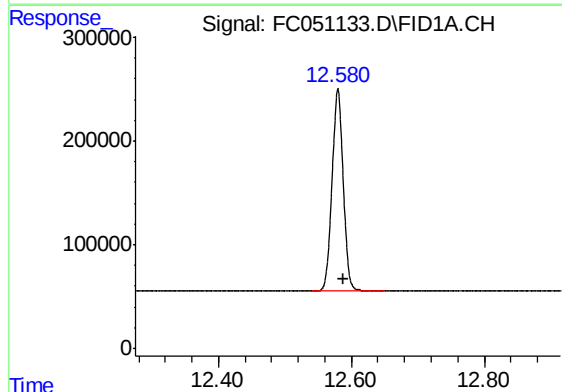
R.T.: 11.271 min
Delta R.T.: -0.008 min
Response: 2323470
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

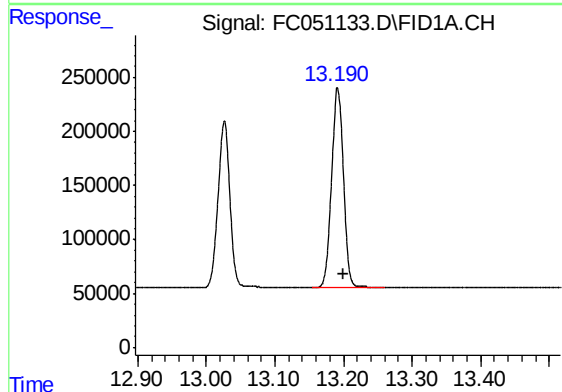
R.T.: 11.591 min
Delta R.T.: -0.008 min
Response: 2392410
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



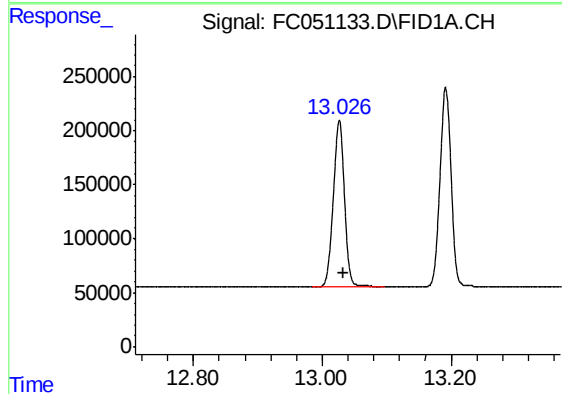
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.008 min
Response: 2265223
Conc: 19.50 ug/ml



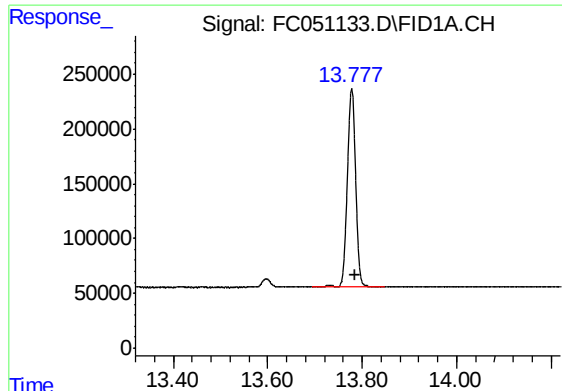
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.008 min
Response: 2218547
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

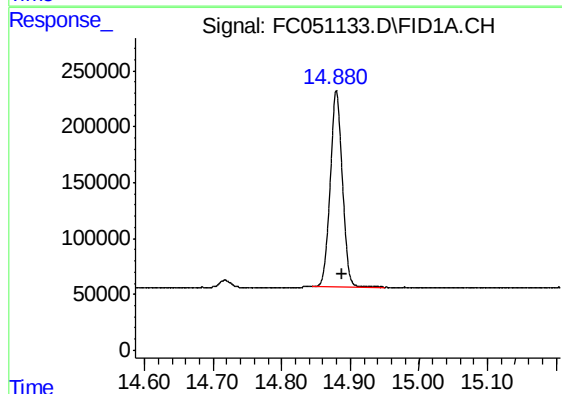
R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 1851402
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

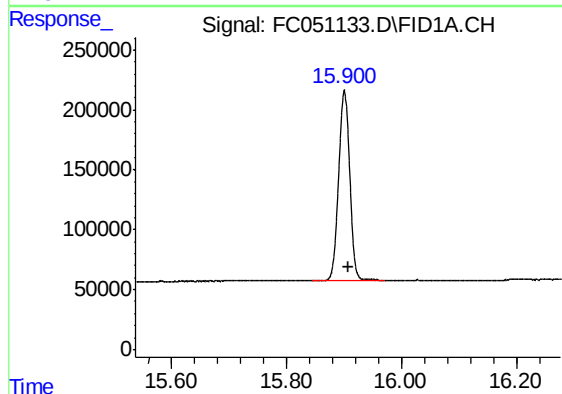
R.T.: 13.778 min
Delta R.T.: -0.007 min
Response: 2219426
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



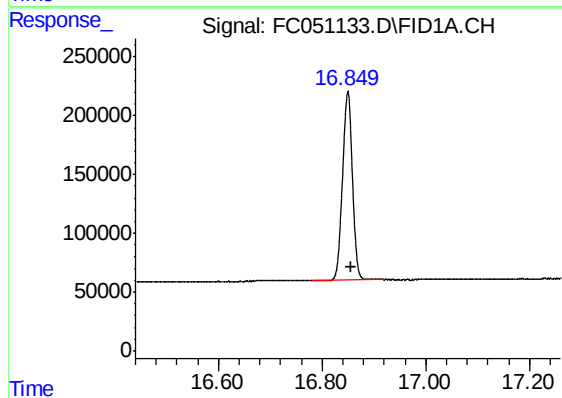
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.008 min
Response: 2147587
Conc: 18.67 ug/ml



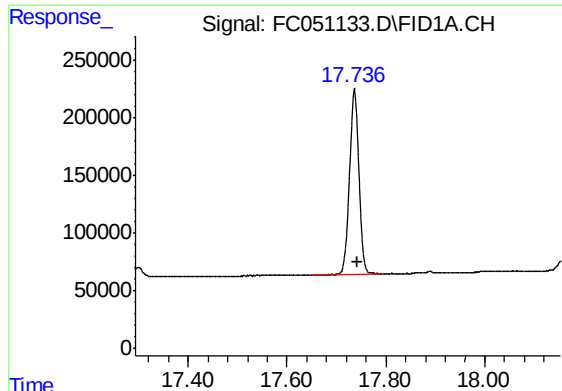
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.007 min
Response: 2123700
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

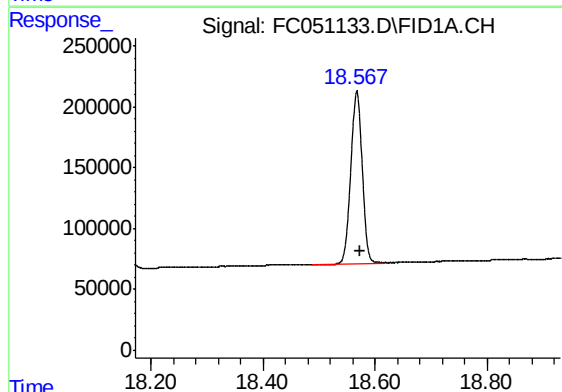
R.T.: 16.850 min
Delta R.T.: -0.006 min
Response: 2130131
Conc: 19.24 ug/ml



#17 n-Tricontane (C30)

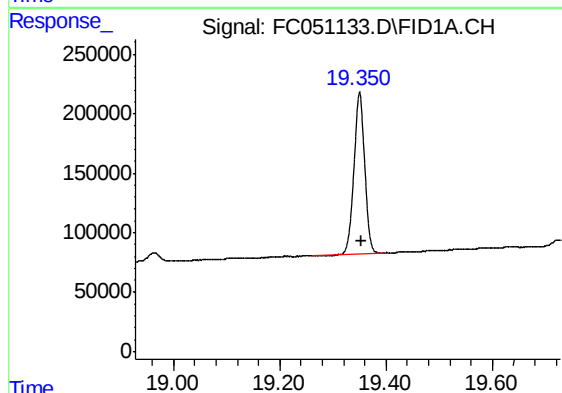
R.T.: 17.736 min
Delta R.T.: -0.006 min
Response: 2114917
Conc: 19.91 ug/ml

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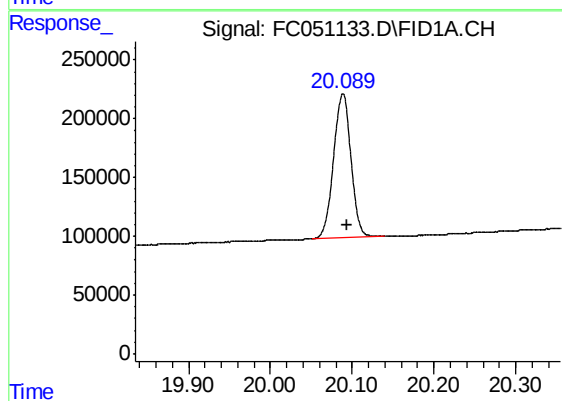
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.005 min
Response: 2000522
Conc: 20.47 ug/ml



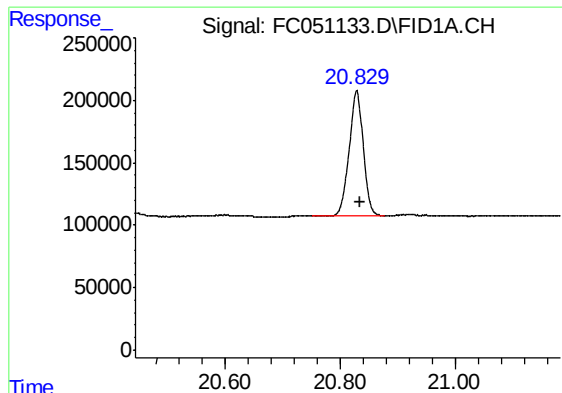
#19 n-Tetatriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 1881679
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

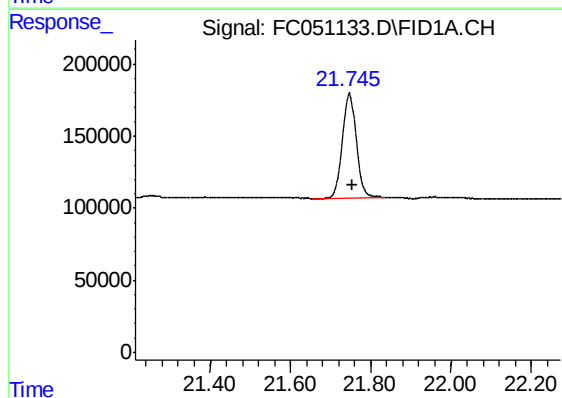
R.T.: 20.089 min
Delta R.T.: -0.005 min
Response: 1812817
Conc: 21.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.006 min
Response: 1697504
Conc: 21.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.007 min
Response: 1743355
Conc: 21.06 ug/ml