

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058733.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2022 6:22
 Operator : UA/NP
 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 15 06:47:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.398	2612402	17.936 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
12) S 1-chlorooctadecane (S...	12.828	2002126	17.663 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.253	2306940	19.184 ug/ml
2) T n-Decane (C10)	4.304	2301027	19.336 ug/ml
3) T A~Naphthalene (C11.7)	5.868	2383023	18.362 ug/ml
4) T n-Dodecane (C12)	6.298	2391762	19.442 ug/ml
5) T A~2-methylnaphthalene...	6.912	2384773	18.292 ug/ml
6) T n-Tetradecane (C14)	8.074	2402794	19.175 ug/ml
7) T n-Hexadecane (C16)	9.661	2422766	18.813 ug/ml
8) T n-Octadecane (C18)	11.091	2432570	18.485 ug/ml
10) T n-Eicosane (C20)	12.389	2381053	18.107 ug/ml
11) T n-Heneicosane (C21)	12.997	2367463	17.914 ug/ml
13) T n-Docosane (C22)	13.579	2329089	17.865 ug/ml
14) T n-Tetracosane (C24)	14.675	2285033	17.695 ug/ml
15) T n-Hexacosane (C26)	15.689	2206872	17.840 ug/ml
16) T n-Octacosane (C28)	16.633	2191105	18.407 ug/ml
17) T n-Tricontane (C30)	17.516	2164532	19.229 ug/ml
18) T n-Dotriacontane (C32)	18.344	2080469	19.348 ug/ml
19) T n-Tetratriacontane (C34)	19.123	1989350	20.532 ug/ml
20) T n-Hexatriacontane (C36)	19.860	1894654	21.001 ug/ml
21) T n-Octatriacontane (C38)	20.564	1852388	21.286 ug/ml
22) T n-Tetracontane (C40)	21.388	1852382	22.074 ug/ml

(f)=RT Delta > 1/2 Window

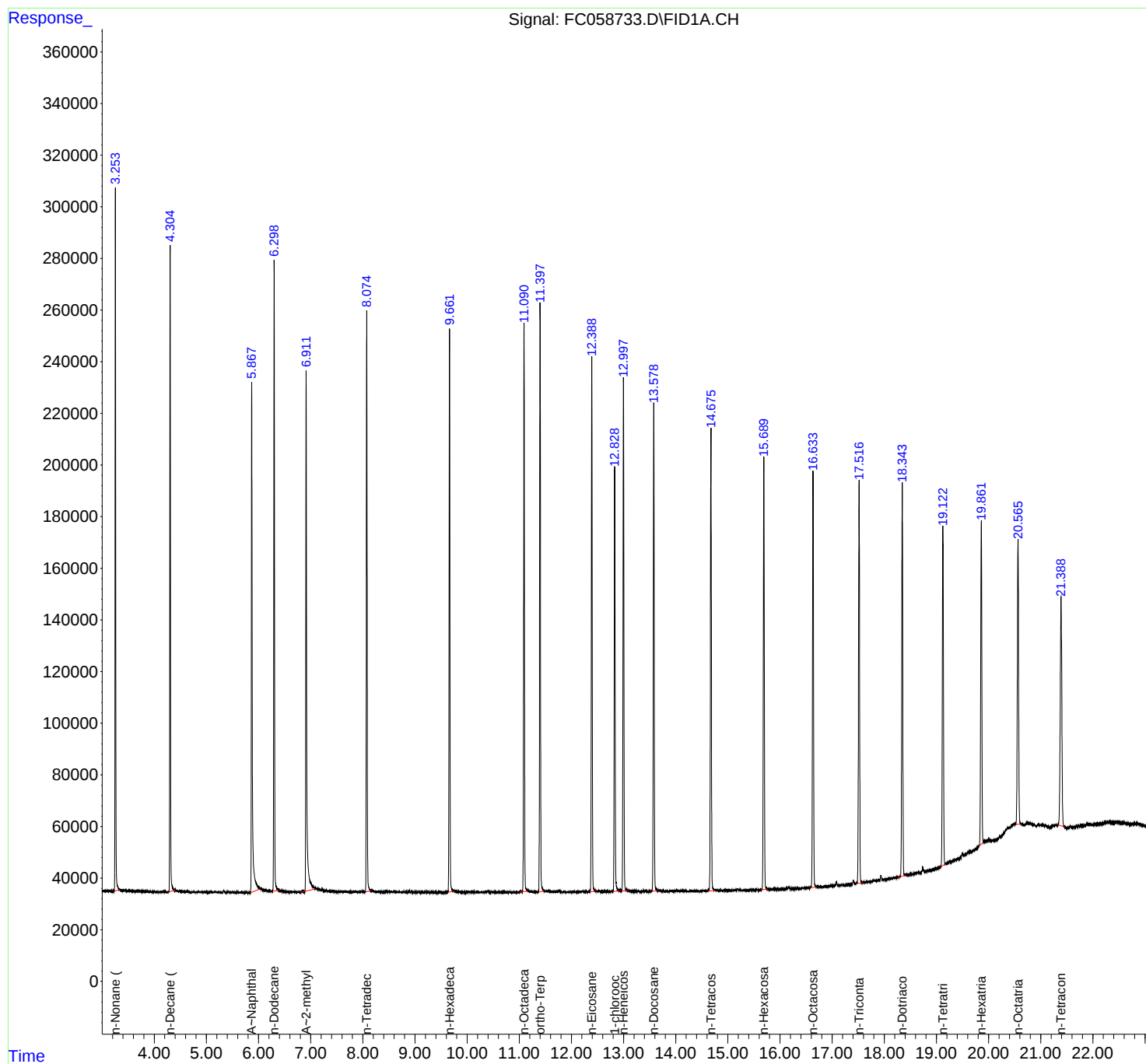
(m)=manual int.

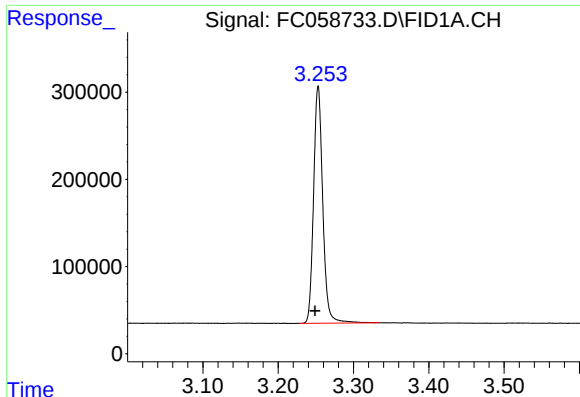
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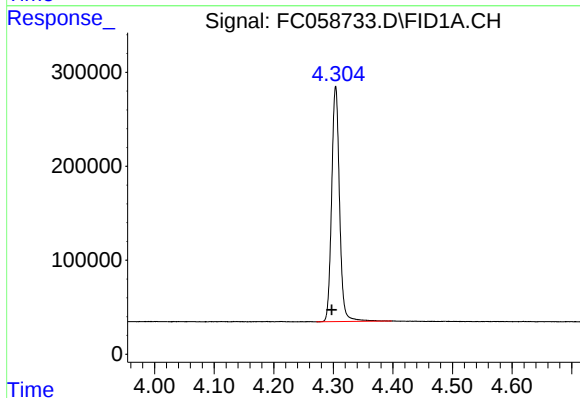




#1 n-Nonane (C9)

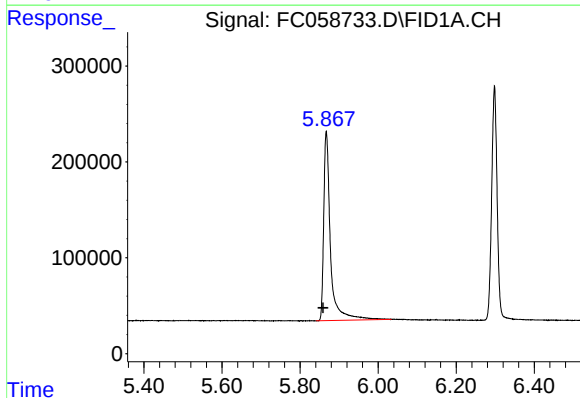
R.T.: 3.253 min
Delta R.T.: 0.004 min
Response: 2306940
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



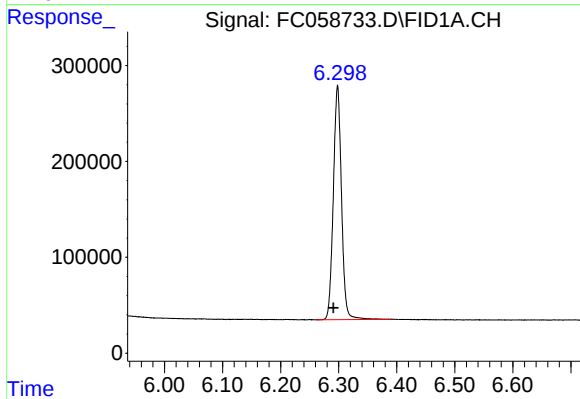
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.006 min
Response: 2301027
Conc: 19.34 ug/ml



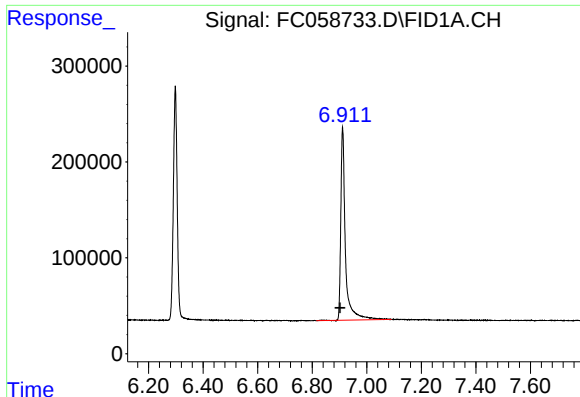
#3 A~Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: 0.009 min
Response: 2383023
Conc: 18.36 ug/ml



#4 n-Dodecane (C12)

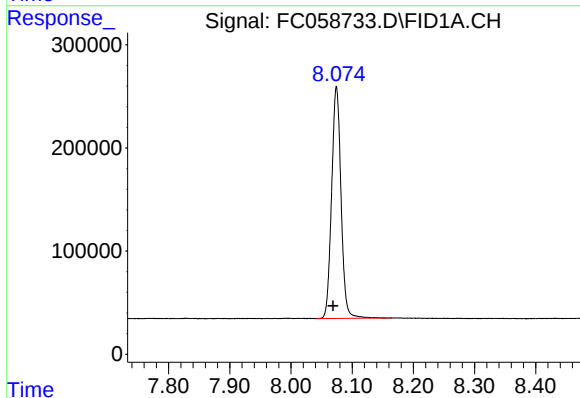
R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2391762
Conc: 19.44 ug/ml



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

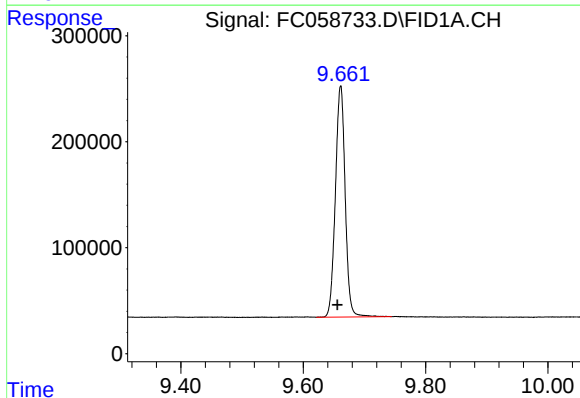
R.T.: 6.912 min
Delta R.T.: 0.009 min
Response: 2384773
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



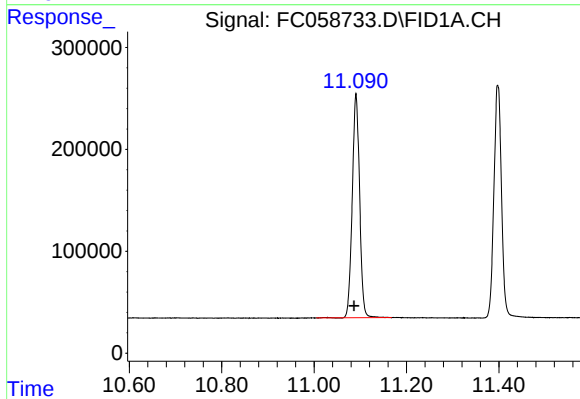
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.006 min
Response: 2402794
Conc: 19.18 ug/ml



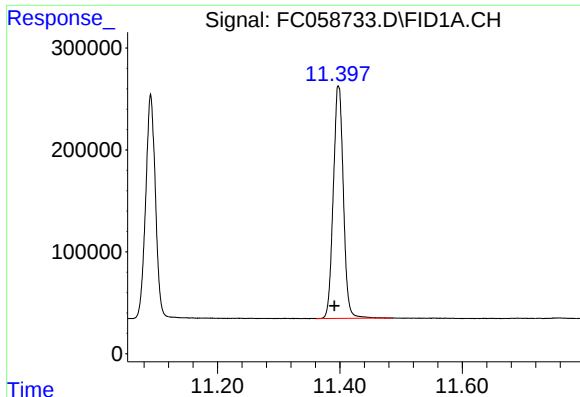
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.005 min
Response: 2422766
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

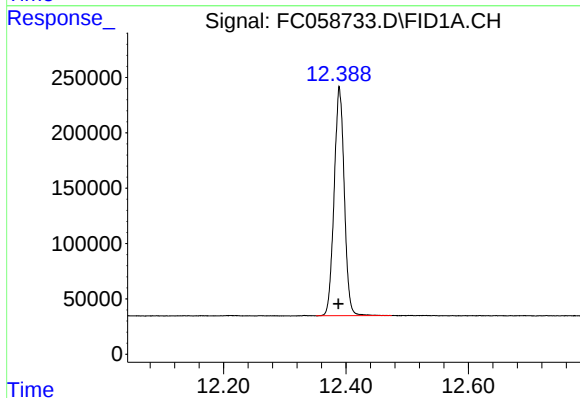
R.T.: 11.091 min
Delta R.T.: 0.004 min
Response: 2432570
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

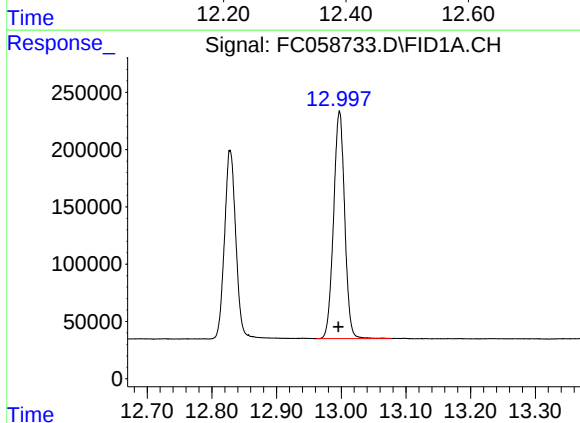
R.T.: 11.398 min
Delta R.T.: 0.007 min
Response: 2612402
Conc: 17.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



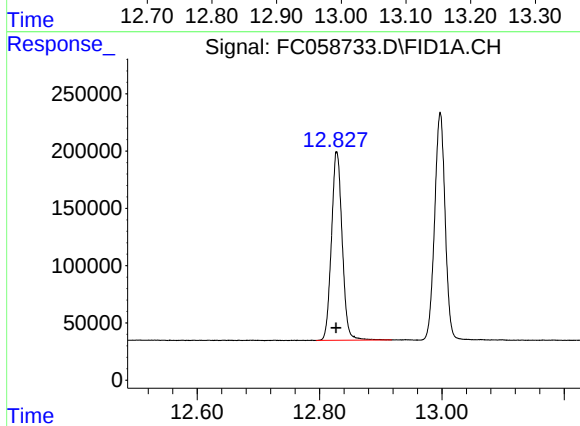
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 2381053
Conc: 18.11 ug/ml



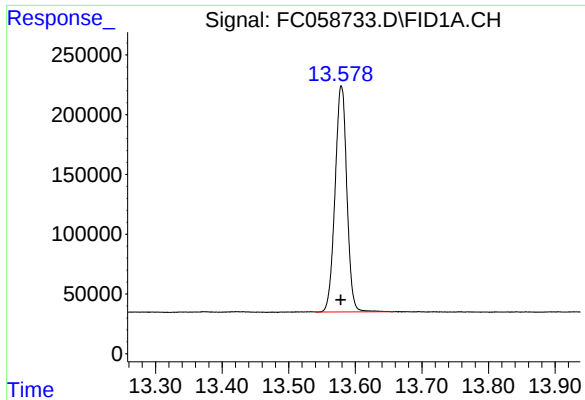
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.002 min
Response: 2367463
Conc: 17.91 ug/ml



#12 1-chlorooctadecane (SURR)

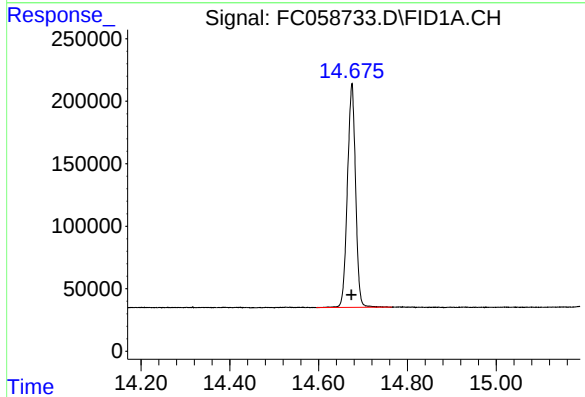
R.T.: 12.828 min
Delta R.T.: 0.002 min
Response: 2002126
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

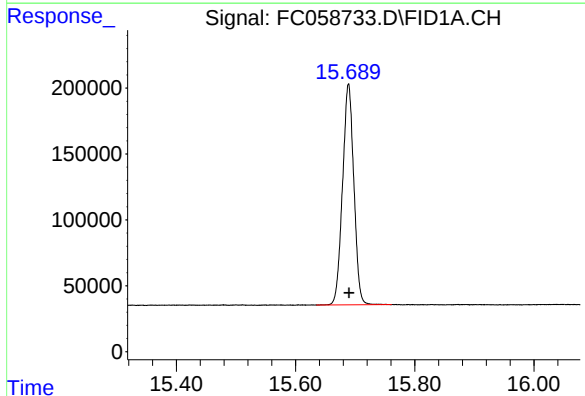
R.T.: 13.579 min
Delta R.T.: 0.001 min
Response: 2329089
Conc: 17.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



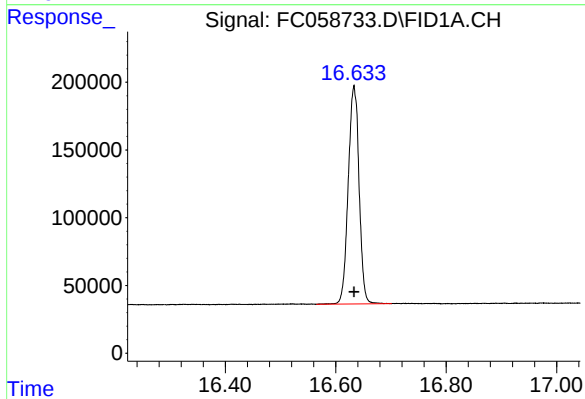
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: 0.001 min
Response: 2285033
Conc: 17.70 ug/ml



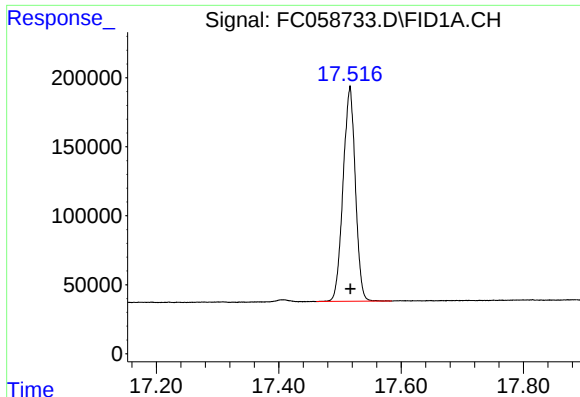
#15 n-Hexacosane (C26)

R.T.: 15.689 min
Delta R.T.: 0.000 min
Response: 2206872
Conc: 17.84 ug/ml



#16 n-Octacosane (C28)

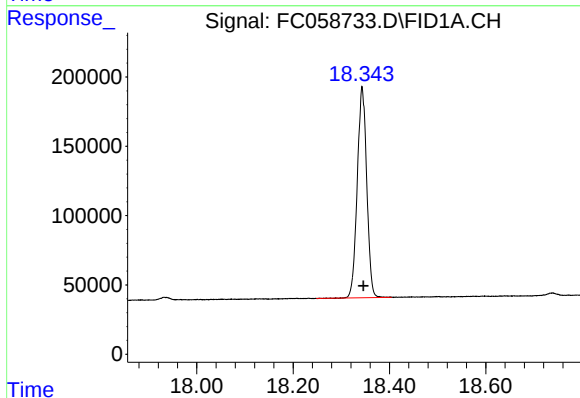
R.T.: 16.633 min
Delta R.T.: 0.000 min
Response: 2191105
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

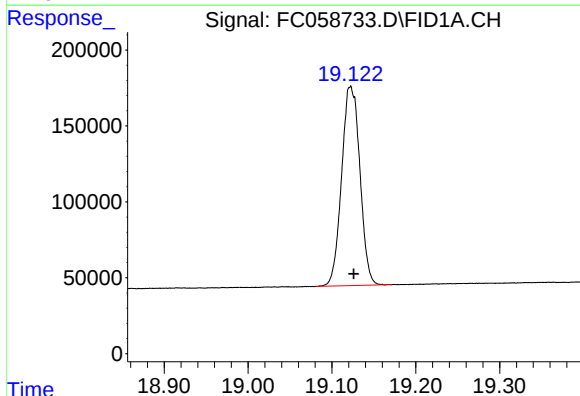
R.T.: 17.516 min
Delta R.T.: 0.000 min
Response: 2164532
Conc: 19.23 ug/ml

Instrument :
FID_C
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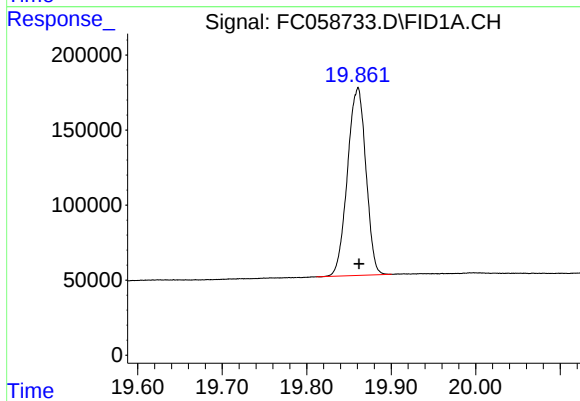
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: -0.002 min
Response: 2080469
Conc: 19.35 ug/ml



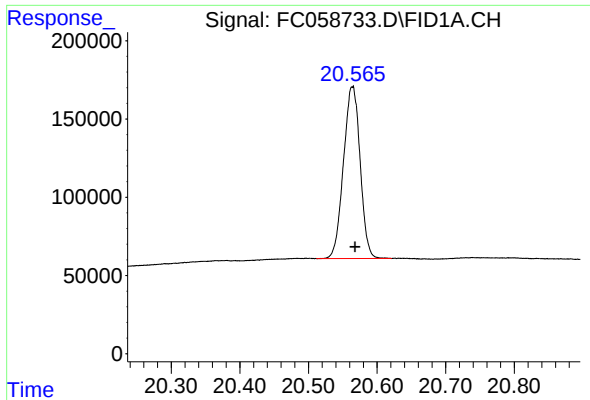
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 1989350
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

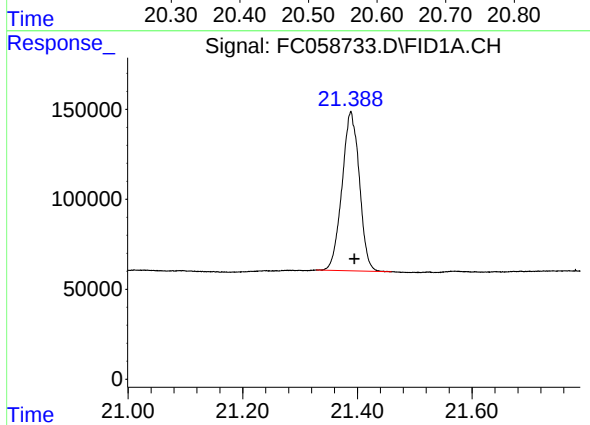
R.T.: 19.860 min
Delta R.T.: -0.002 min
Response: 1894654
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.004 min
Response: 1852388
Conc: 21.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.388 min
Delta R.T.: -0.006 min
Response: 1852382
Conc: 22.07 ug/ml