

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061323AL\
 Data File : FC063830.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 12:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 14 01:00:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.534	3260760	17.869 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	12.969	2362333	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.315	2859406	17.941 ug/ml
2) T n-Decane (C10)	4.377	3017343	18.666 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3128993	18.011 ug/ml
4) T n-Dodecane (C12)	6.392	2983826	18.248 ug/ml
5) T A~2-methylnaphthalene...	7.015	2990334	18.254 ug/ml
6) T n-Tetradecane (C14)	8.183	2879201	18.307 ug/ml
7) T n-Hexadecane (C16)	9.781	2904259	18.250 ug/ml
8) T n-Octadecane (C18)	11.220	2892819	18.283 ug/ml
10) T n-Eicosane (C20)	12.526	2743973	18.554 ug/ml
11) T n-Heneicosane (C21)	13.137	2666079	18.522 ug/ml
13) T n-Docosane (C22)	13.722	2657492	18.864 ug/ml
14) T n-Tetracosane (C24)	14.822	2651808	19.325 ug/ml
15) T n-Hexacosane (C26)	15.840	2600396	19.612 ug/ml
16) T n-Octacosane (C28)	16.788	2643171	20.816 ug/ml
17) T n-Tricontane (C30)	17.672	2867317	22.442 ug/ml
18) T n-Dotriacontane (C32)	18.501	2915582	23.431 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2767555	22.446 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2588837	21.570 ug/ml
21) T n-Octatriacontane (C38)	20.748	2530012	20.956 ug/ml
22) T n-Tetracontane (C40)	21.641	2431466	20.067 ug/ml

(f)=RT Delta > 1/2 Window

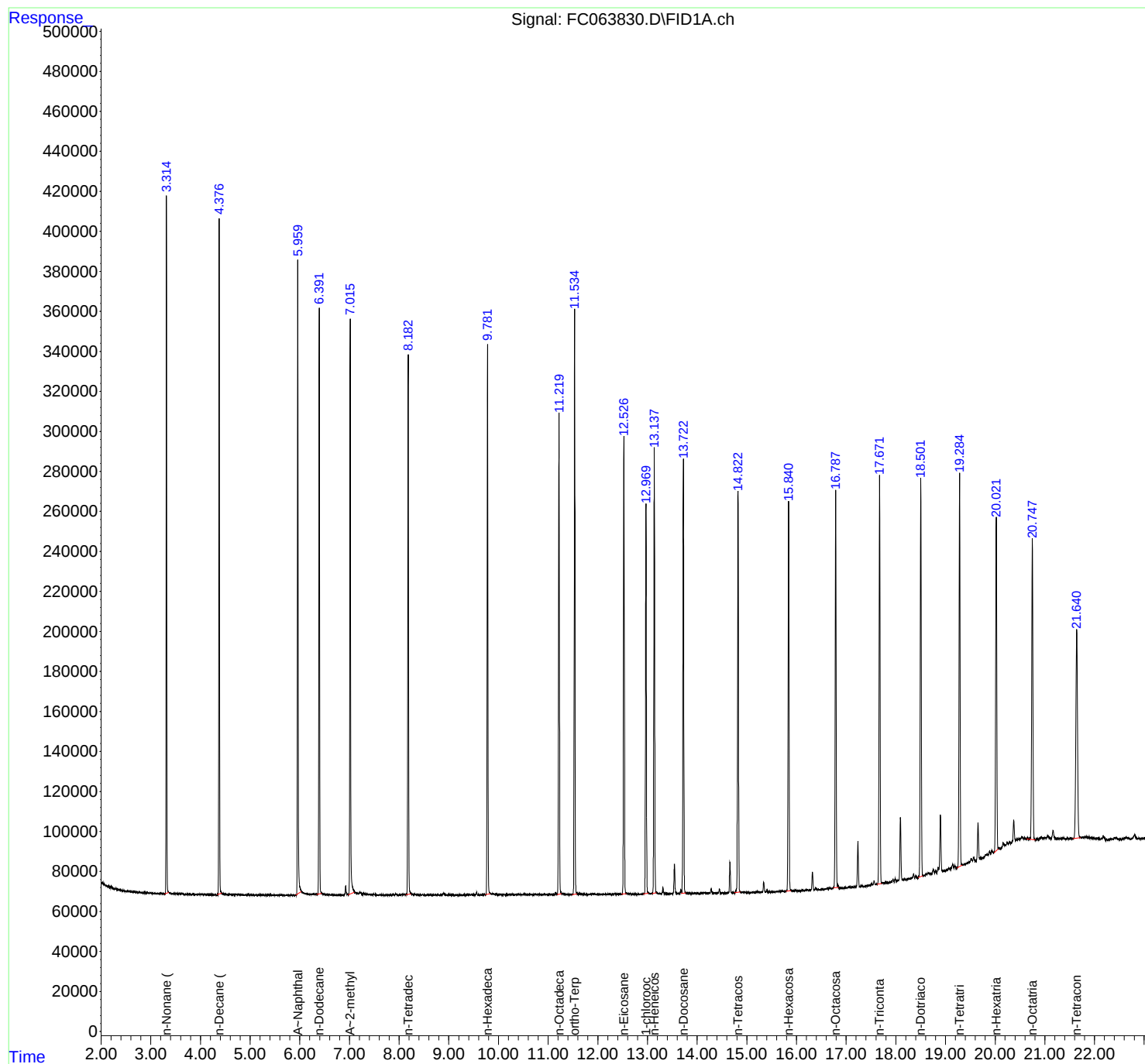
(m)=manual int.

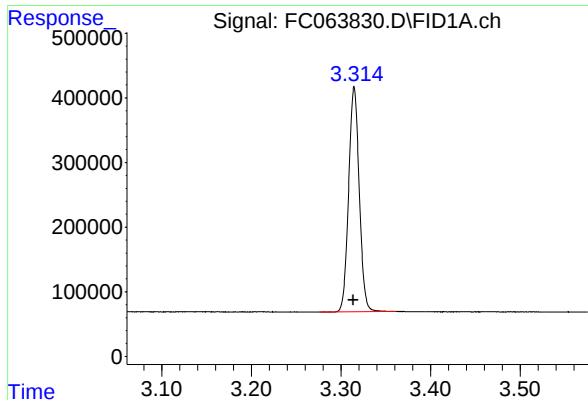
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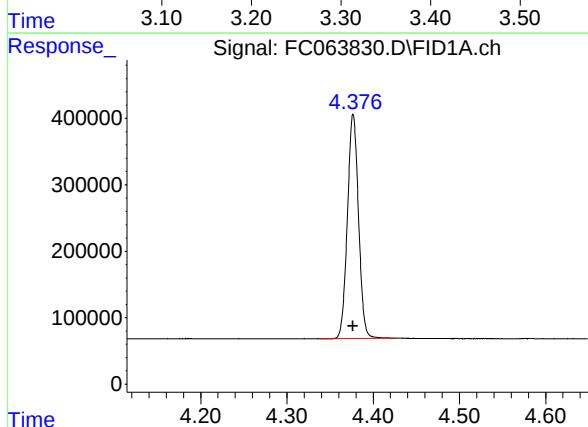




#1 n-Nonane (C9)

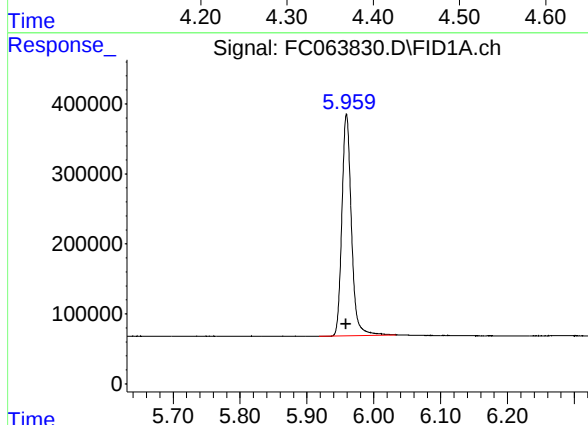
R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 2859406
Conc: 17.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



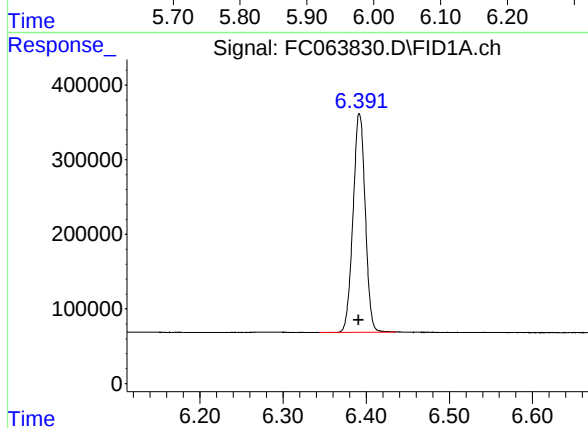
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 3017343
Conc: 18.67 ug/ml



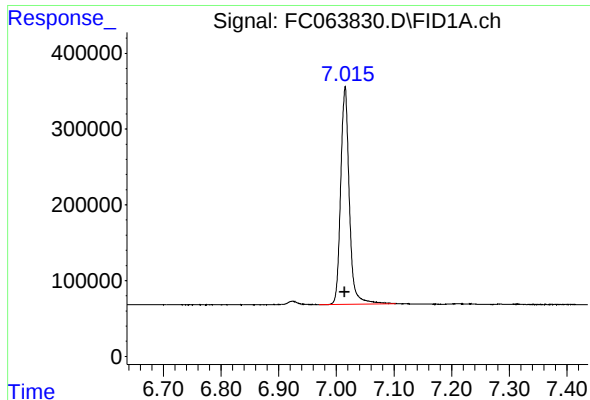
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.001 min
Response: 3128993
Conc: 18.01 ug/ml



#4 n-Dodecane (C12)

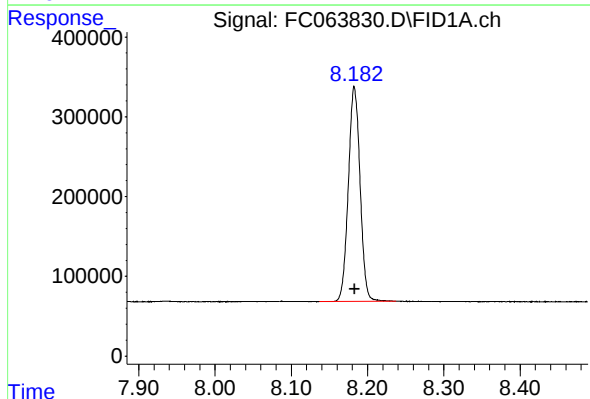
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2983826
Conc: 18.25 ug/ml



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

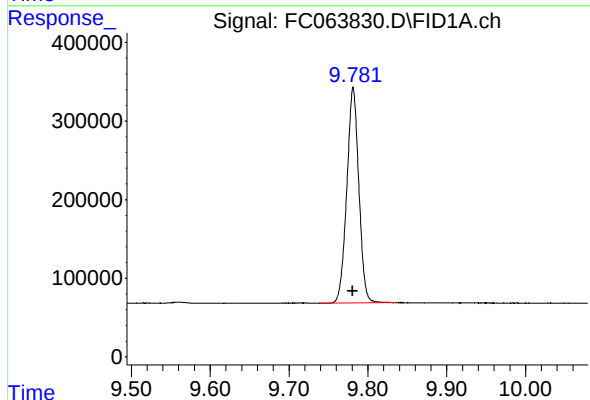
R.T.: 7.015 min
Delta R.T.: 0.001 min
Response: 2990334
Conc: 18.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



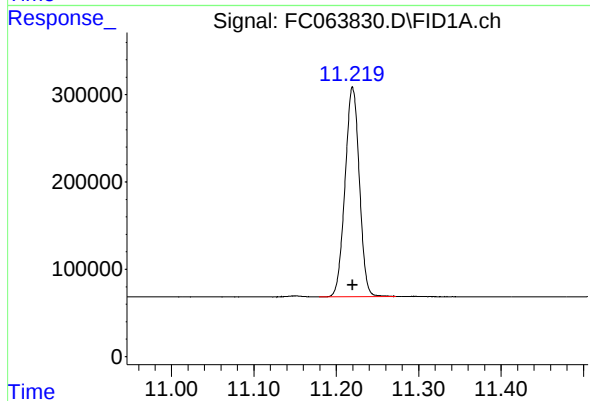
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 2879201
Conc: 18.31 ug/ml



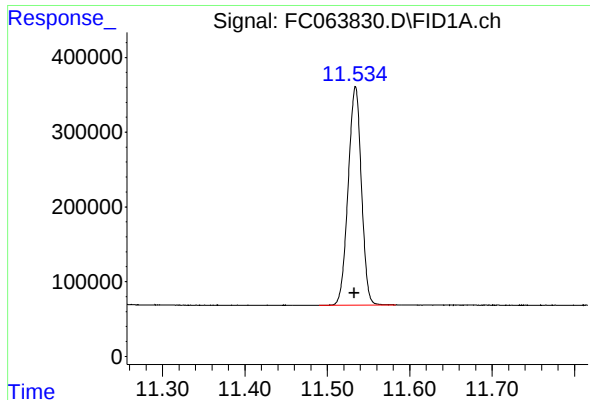
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 2904259
Conc: 18.25 ug/ml



#8 n-Octadecane (C18)

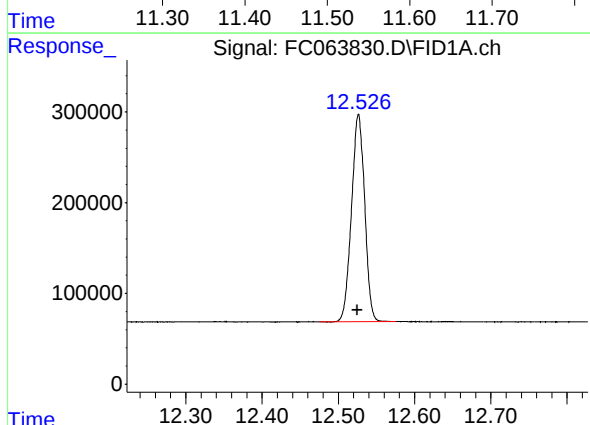
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2892819
Conc: 18.28 ug/ml



#9 ortho-Terphenyl (SURR)

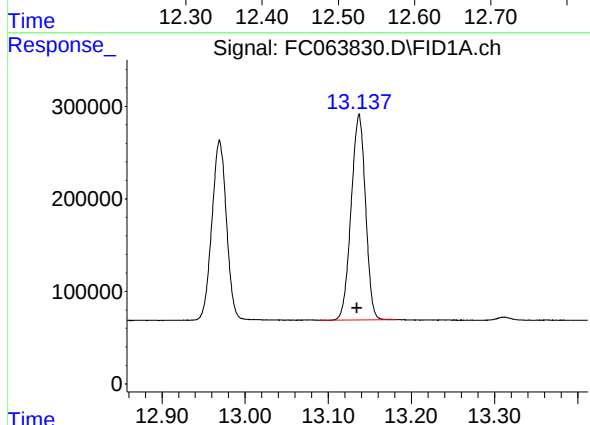
R.T.: 11.534 min
Delta R.T.: 0.002 min
Response: 3260760
Conc: 17.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



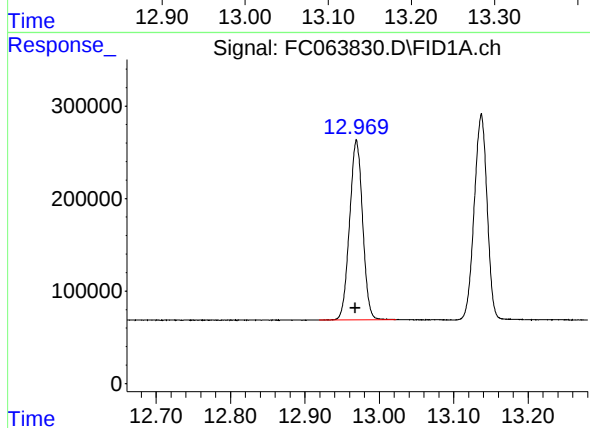
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.001 min
Response: 2743973
Conc: 18.55 ug/ml



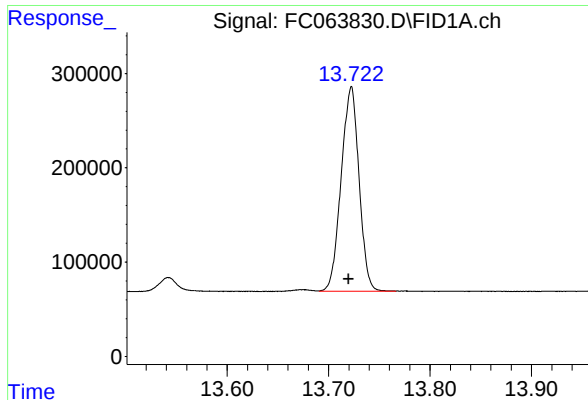
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.003 min
Response: 2666079
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

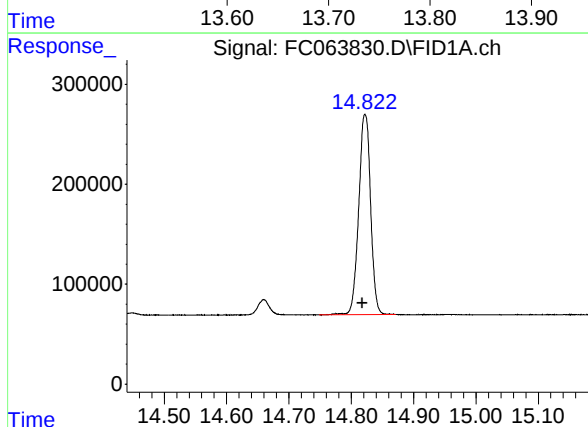
R.T.: 12.969 min
Delta R.T.: 0.002 min
Response: 2362333
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

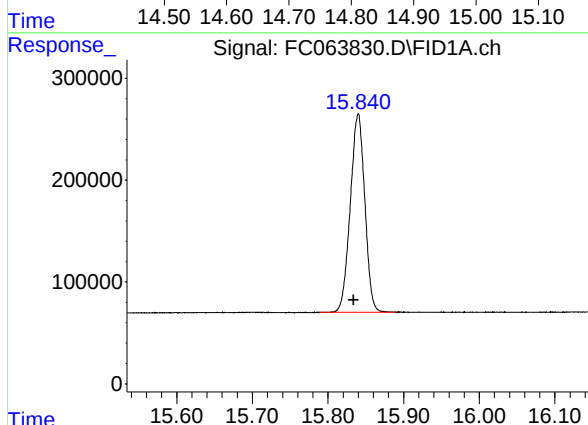
R.T.: 13.722 min
Delta R.T.: 0.003 min
Response: 2657492
Conc: 18.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



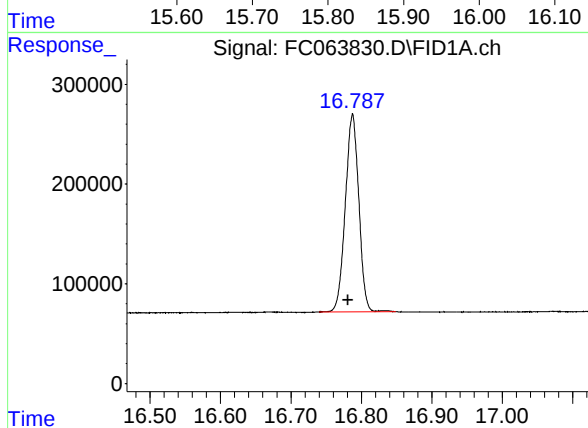
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.005 min
Response: 2651808
Conc: 19.33 ug/ml



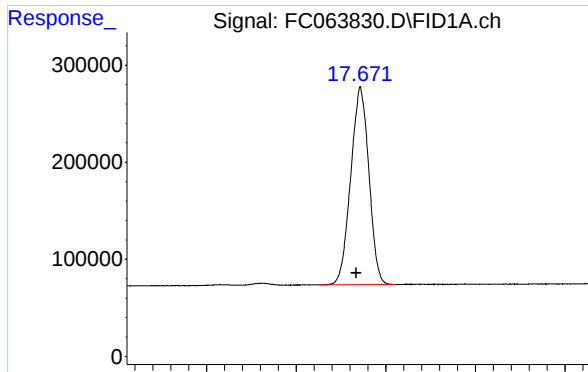
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.006 min
Response: 2600396
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

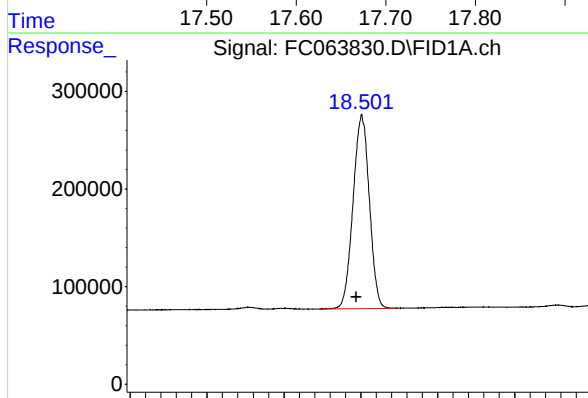
R.T.: 16.788 min
Delta R.T.: 0.007 min
Response: 2643171
Conc: 20.82 ug/ml



#17 n-Tricontane (C30)

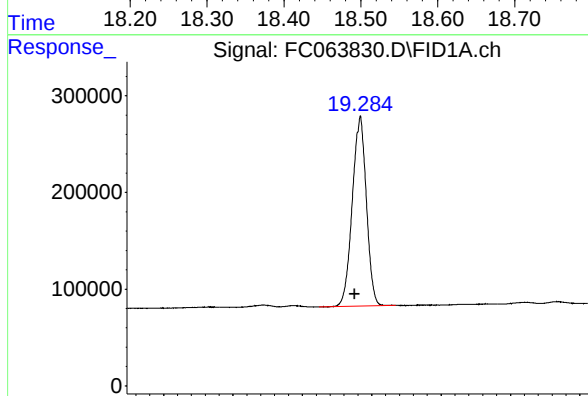
R.T.: 17.672 min
Delta R.T.: 0.005 min
Response: 2867317
Conc: 22.44 ug/ml

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20 PPM ALIPHATIC HC STD



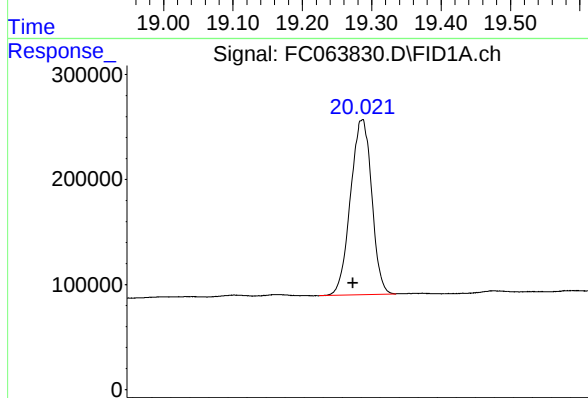
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.007 min
Response: 2915582
Conc: 23.43 ug/ml



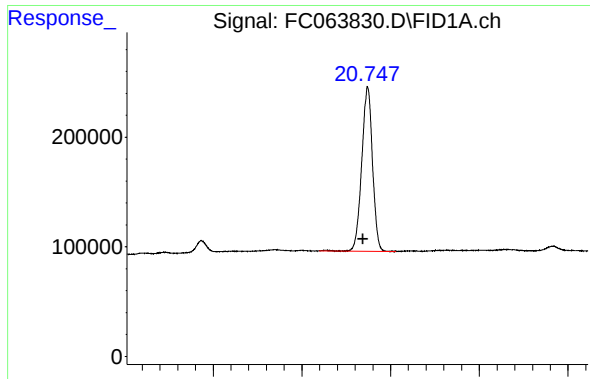
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.009 min
Response: 2767555
Conc: 22.45 ug/ml



#20 n-Hexatriacontane (C36)

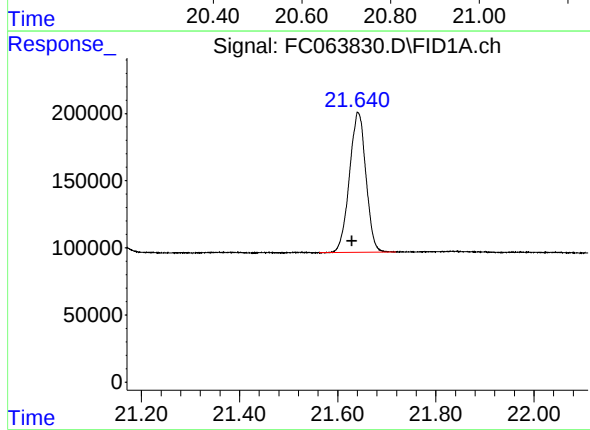
R.T.: 20.021 min
Delta R.T.: 0.010 min
Response: 2588837
Conc: 21.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.011 min
Response: 2530012
Conc: 20.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.012 min
Response: 2431466
Conc: 20.07 ug/ml