

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032923AL\
 Data File : FC063256.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2023 11:38
 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: Mar 30 02:34:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.532	2650193	20.243 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
12) S 1-chlorooctadecane (S...	12.969	1952193	20.232 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.301	2404047	19.874 ug/ml
2) T n-Decane (C10)	4.367	2350550	19.977 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2606225	20.240 ug/ml
4) T n-Dodecane (C12)	6.384	2347199	19.975 ug/ml
5) T A~2-methylnaphthalene...	7.006	2395459	20.366 ug/ml
6) T n-Tetradecane (C14)	8.178	2335618	20.287 ug/ml
7) T n-Hexadecane (C16)	9.778	2375235	20.388 ug/ml
8) T n-Octadecane (C18)	11.218	2437862	20.620 ug/ml
10) T n-Eicosane (C20)	12.525	2349250	20.393 ug/ml
11) T n-Heneicosane (C21)	13.136	2354596	20.429 ug/ml
13) T n-Docosane (C22)	13.722	2326311	20.429 ug/ml
14) T n-Tetracosane (C24)	14.822	2362192	20.777 ug/ml
15) T n-Hexacosane (C26)	15.840	2370531	21.064 ug/ml
16) T n-Octacosane (C28)	16.788	2410428	21.418 ug/ml
17) T n-Tricontane (C30)	17.674	2500555	21.985 ug/ml
18) T n-Dotriacontane (C32)	18.505	2570185	22.214 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2499656	21.747 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2341376	21.427 ug/ml
21) T n-Octatriacontane (C38)	20.751	2293020	21.222 ug/ml
22) T n-Tetracontane (C40)	21.644	2176051	20.549 ug/ml

(f)=RT Delta > 1/2 Window

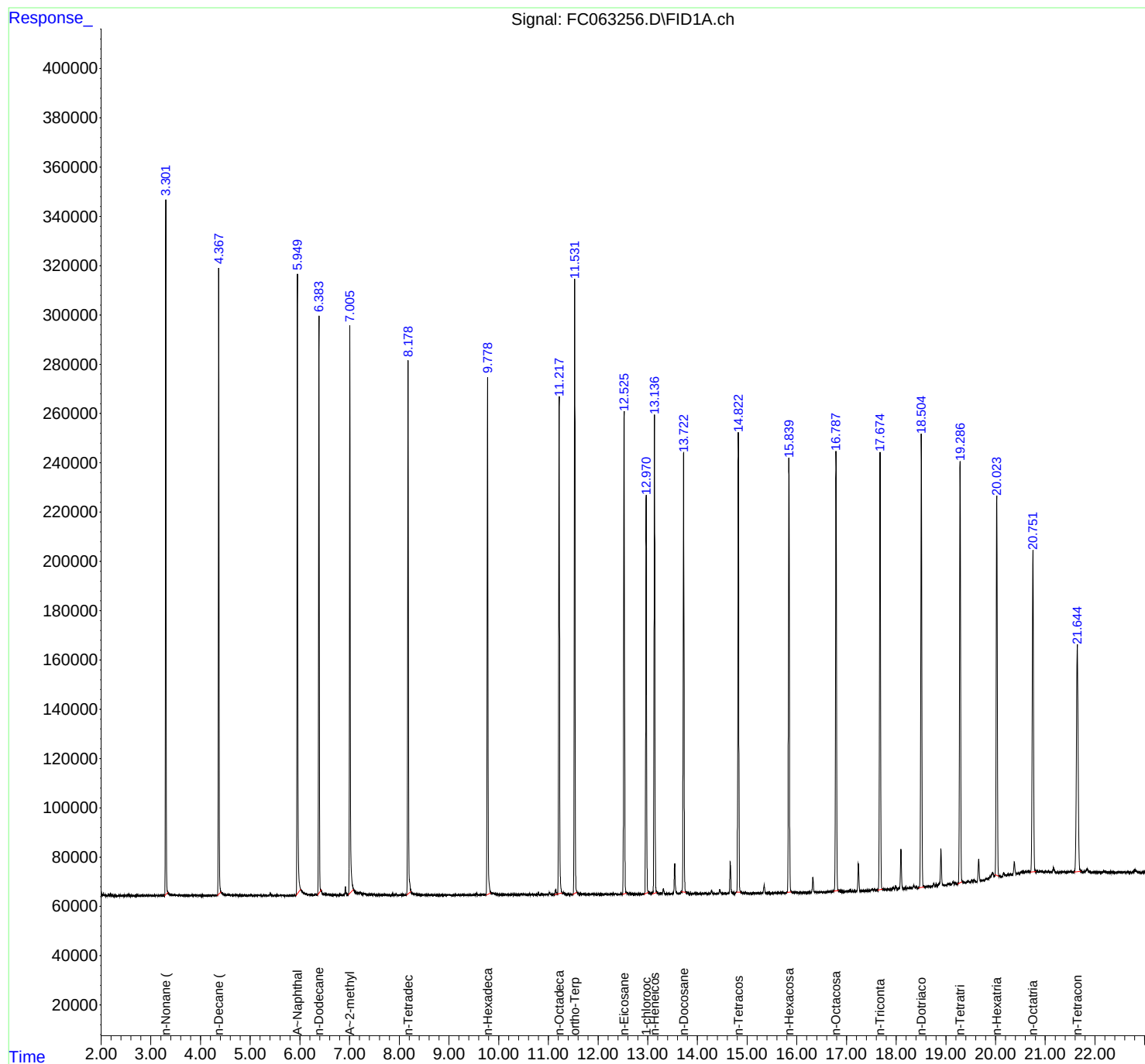
(m)=manual int.

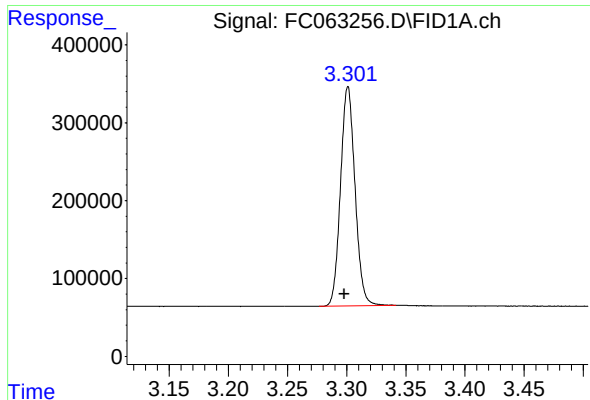
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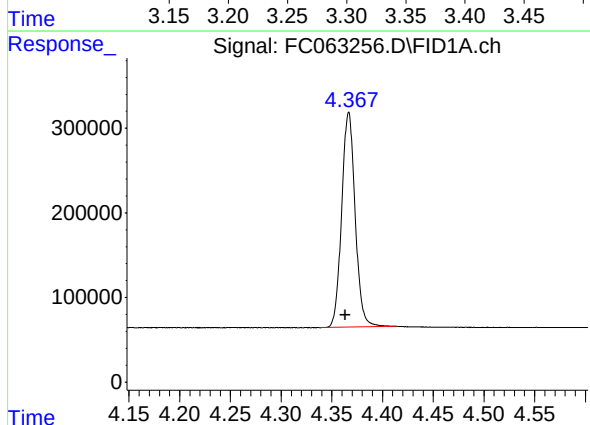




#1 n-Nonane (C9)

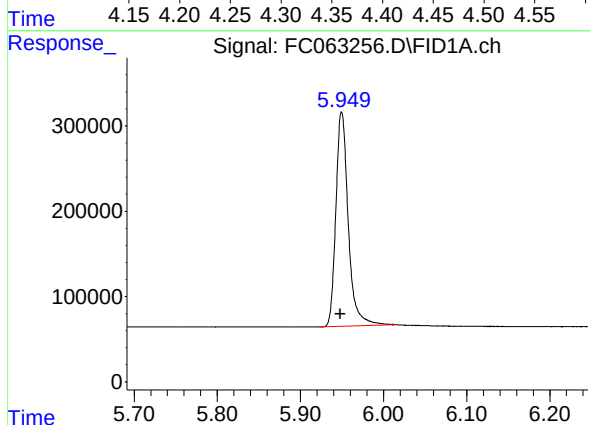
R.T.: 3.301 min
Delta R.T.: 0.003 min
Response: 2404047
Conc: 19.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



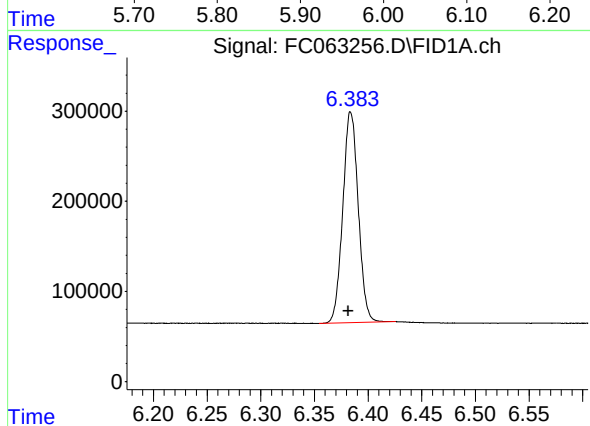
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 2350550
Conc: 19.98 ug/ml



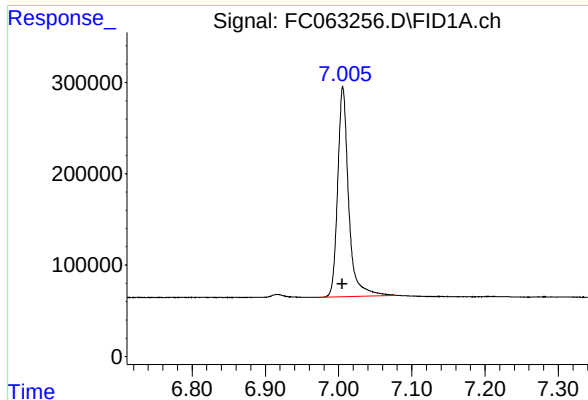
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.002 min
Response: 2606225
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

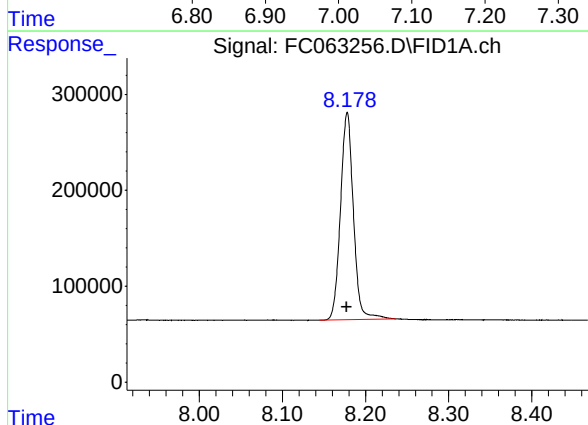
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 2347199
Conc: 19.98 ug/ml



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

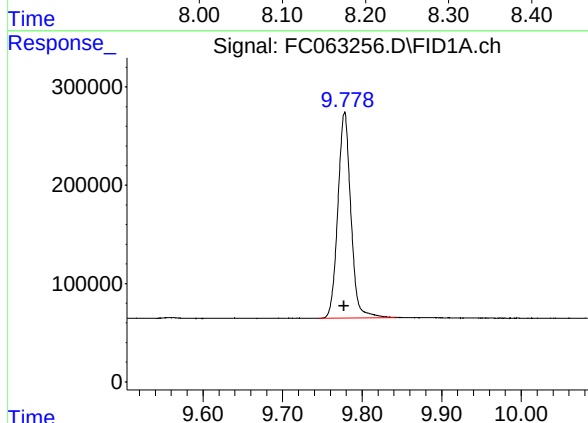
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2395459
Conc: 20.37 ug/ml

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20 PPM ALIPHATIC HC STD



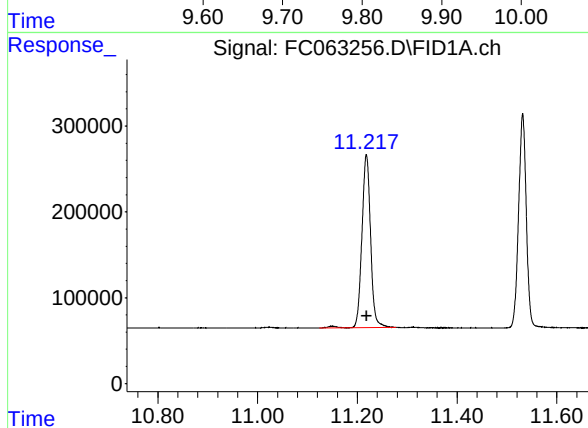
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2335618
Conc: 20.29 ug/ml



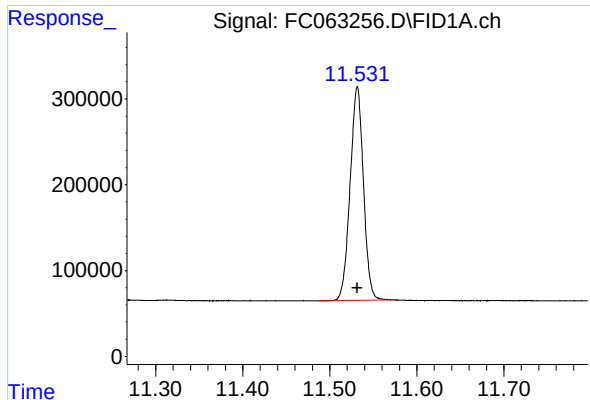
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 2375235
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

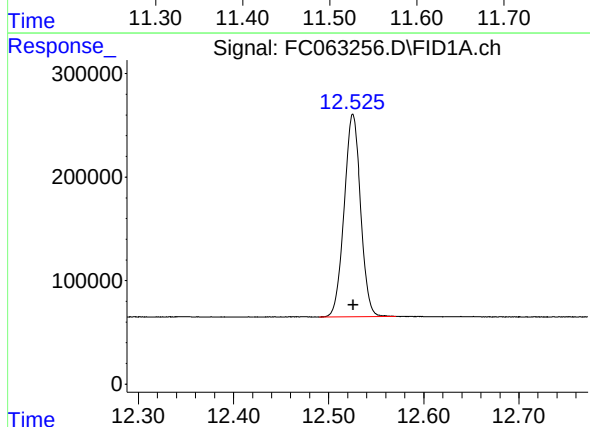
R.T.: 11.218 min
Delta R.T.: 0.000 min
Response: 2437862
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

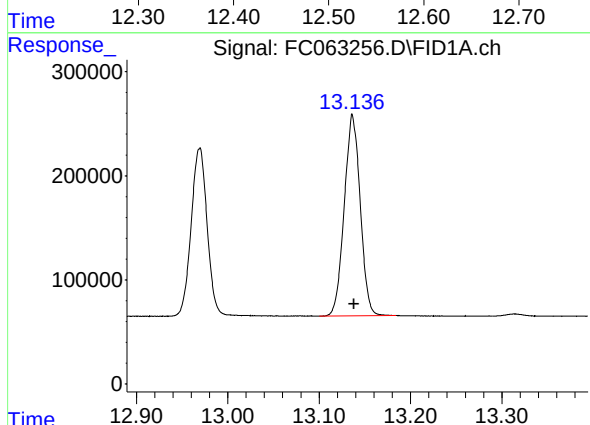
R.T.: 11.532 min
Delta R.T.: 0.000 min
Response: 2650193
Conc: 20.24 ug/ml

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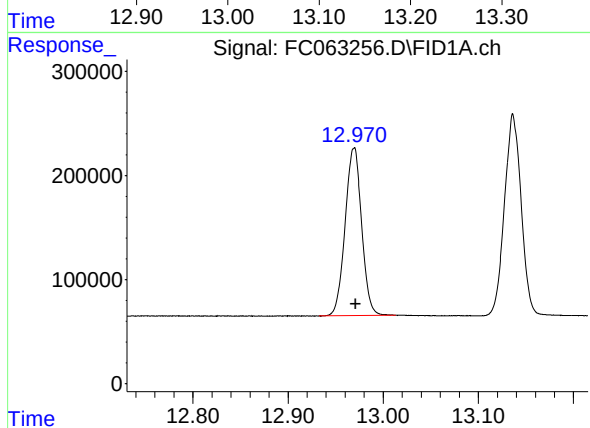
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2349250
Conc: 20.39 ug/ml



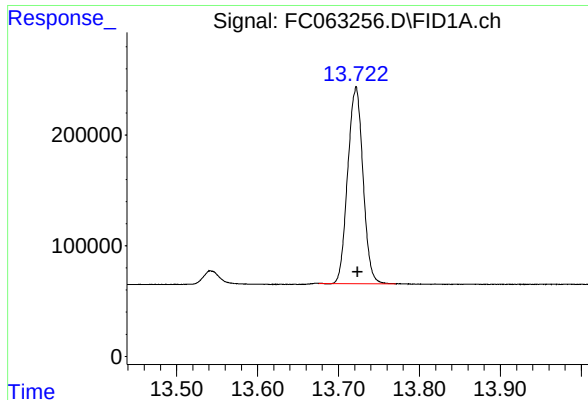
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.002 min
Response: 2354596
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

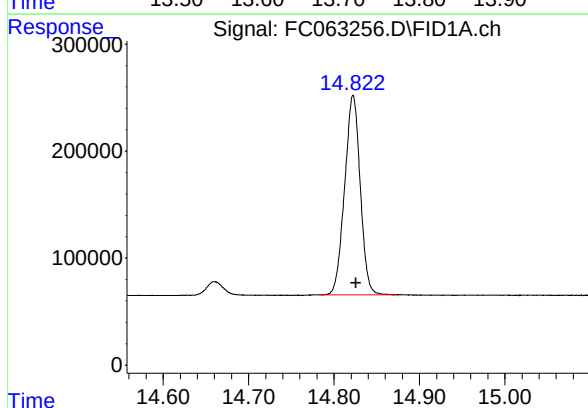
R.T.: 12.969 min
Delta R.T.: -0.002 min
Response: 1952193
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

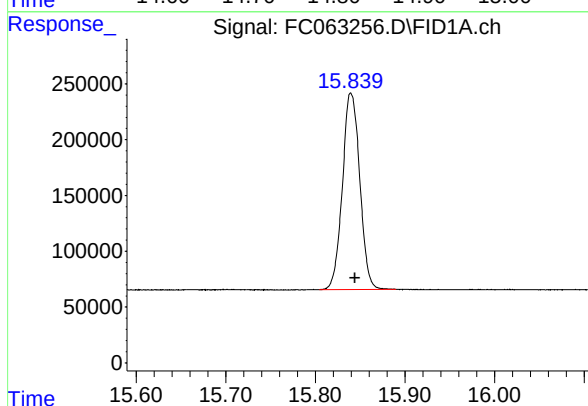
R.T.: 13.722 min
Delta R.T.: -0.002 min
Response: 2326311
Conc: 20.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



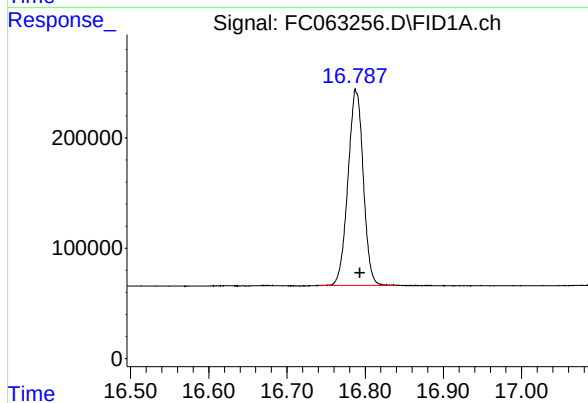
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.003 min
Response: 2362192
Conc: 20.78 ug/ml



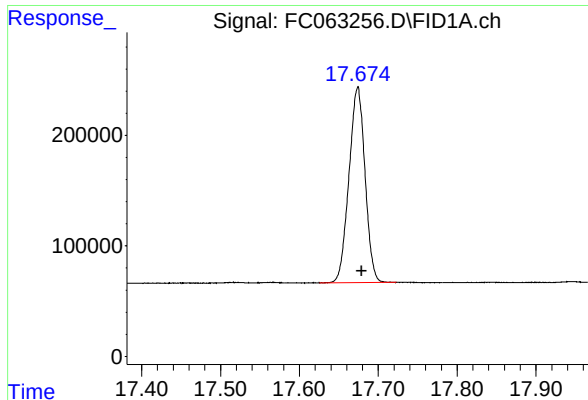
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.005 min
Response: 2370531
Conc: 21.06 ug/ml



#16 n-Octacosane (C28)

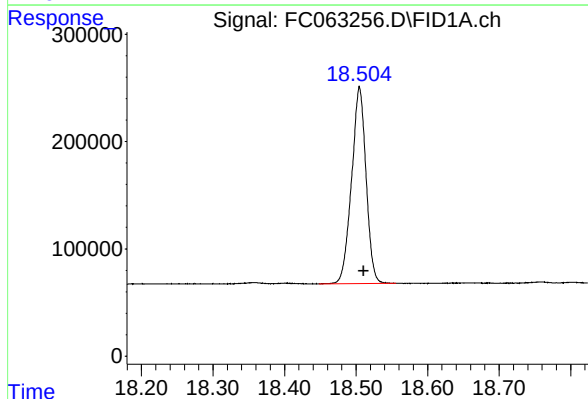
R.T.: 16.788 min
Delta R.T.: -0.005 min
Response: 2410428
Conc: 21.42 ug/ml



#17 n-Tricontane (C30)

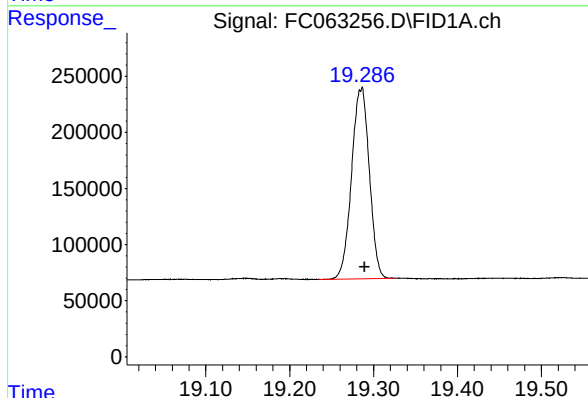
R.T.: 17.674 min
Delta R.T.: -0.005 min
Response: 2500555
Conc: 21.98 ug/ml

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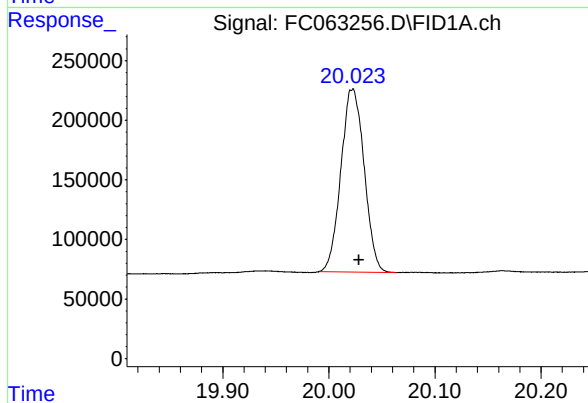
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.006 min
Response: 2570185
Conc: 22.21 ug/ml



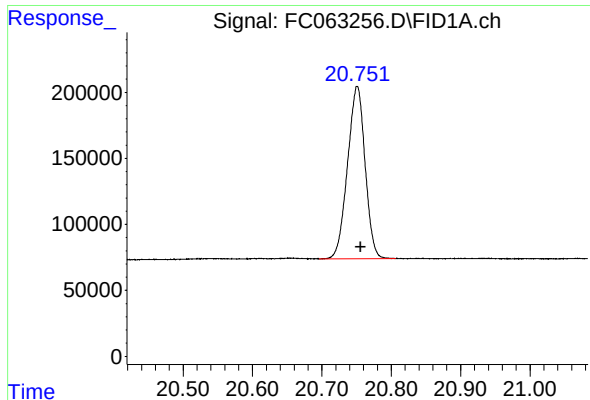
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.003 min
Response: 2499656
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

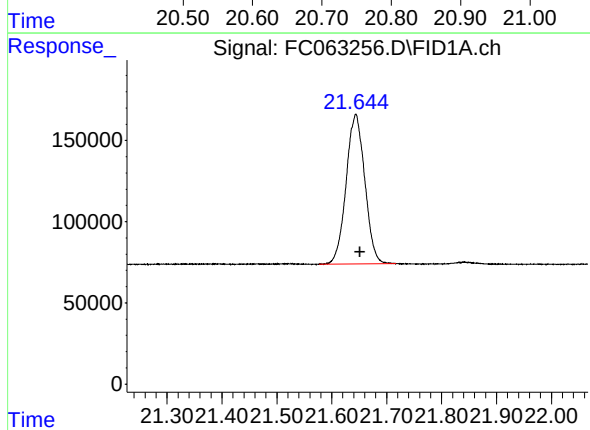
R.T.: 20.022 min
Delta R.T.: -0.006 min
Response: 2341376
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.005 min
Response: 2293020
Conc: 21.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.644 min
Delta R.T.: -0.008 min
Response: 2176051
Conc: 20.55 ug/ml