

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083023AL\
 Data File : FC064442.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 09:11
 Operator : YP/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: Aug 31 00:46:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.511	4511184	21.249 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	12.947	3314513	21.739 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
Target Compounds			
1) T n-Nonane (C9)	3.307	3583800	20.305 ug/ml
2) T n-Decane (C10)	4.366	3657700	20.851 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3908058	21.016 ug/ml
4) T n-Dodecane (C12)	6.375	3730930	20.932 ug/ml
5) T A~2-methylnaphthalene...	6.997	3844123	21.610 ug/ml
6) T n-Tetradecane (C14)	8.165	3707779	21.253 ug/ml
7) T n-Hexadecane (C16)	9.760	3773927	21.838 ug/ml
8) T n-Octadecane (C18)	11.198	3816308	21.798 ug/ml
10) T n-Eicosane (C20)	12.502	3674841	21.724 ug/ml
11) T n-Heneicosane (C21)	13.113	3599716	21.568 ug/ml
13) T n-Docosane (C22)	13.696	3551137	21.771 ug/ml
14) T n-Tetracosane (C24)	14.794	3431718	21.549 ug/ml
15) T n-Hexacosane (C26)	15.812	3299374	21.355 ug/ml
16) T n-Octacosane (C28)	16.761	3219770	21.748 ug/ml
17) T n-Tricontane (C30)	17.643	3298665	22.583 ug/ml
18) T n-Dotriacontane (C32)	18.472	3250062	23.008 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3034553	22.711 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2868290	22.415 ug/ml
21) T n-Octatriacontane (C38)	20.712	2747093	22.371 ug/ml
22) T n-Tetracontane (C40)	21.594	2693741	23.196 ug/ml

(f)=RT Delta > 1/2 Window

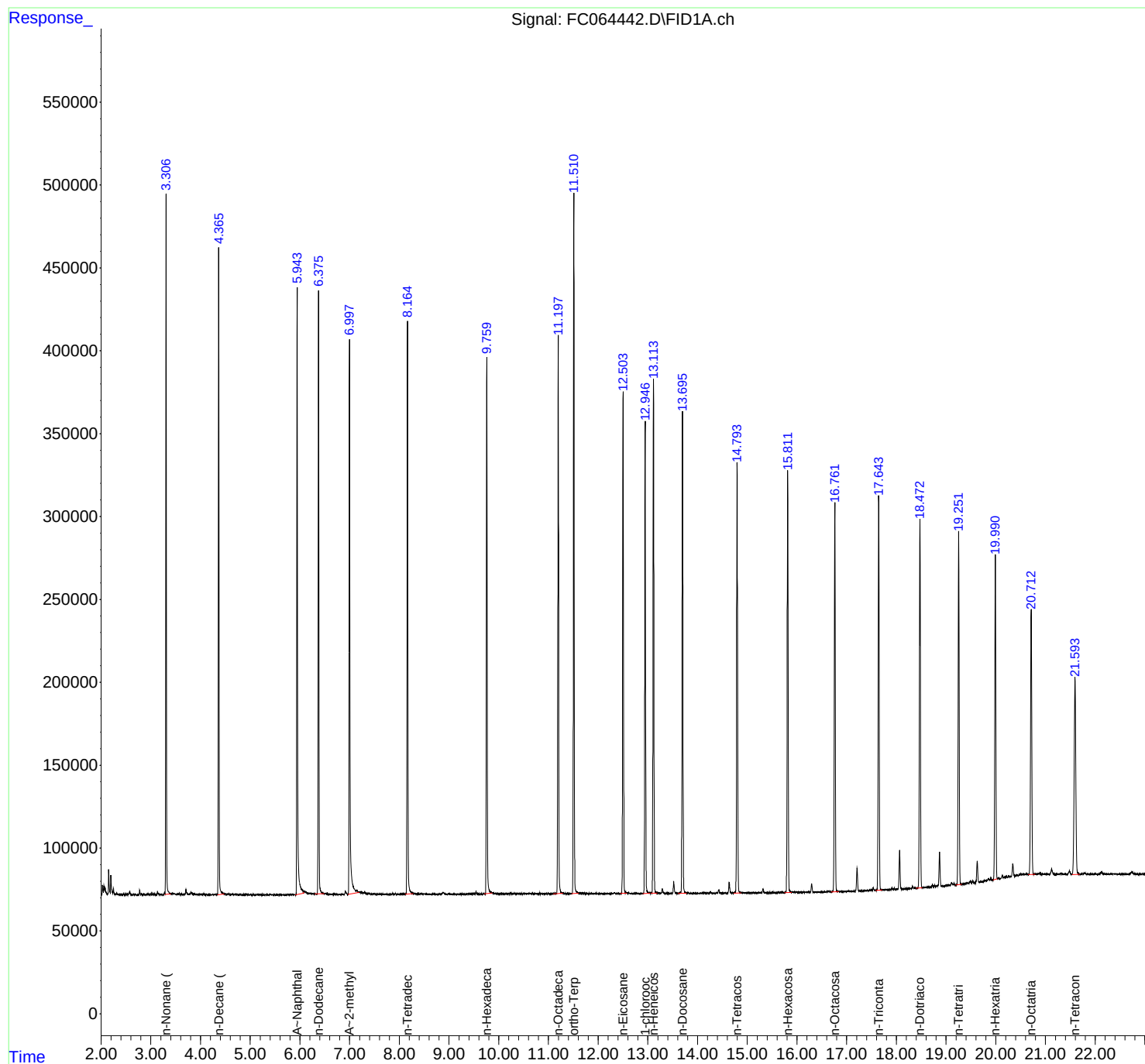
(m)=manual int.

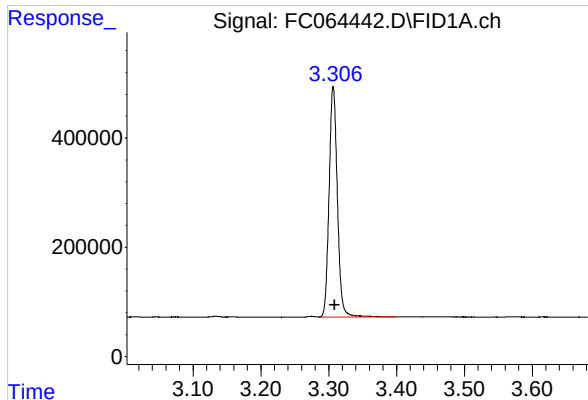
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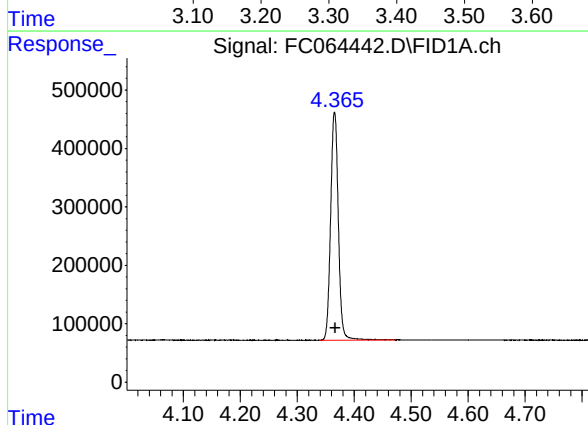




#1 n-Nonane (C9)

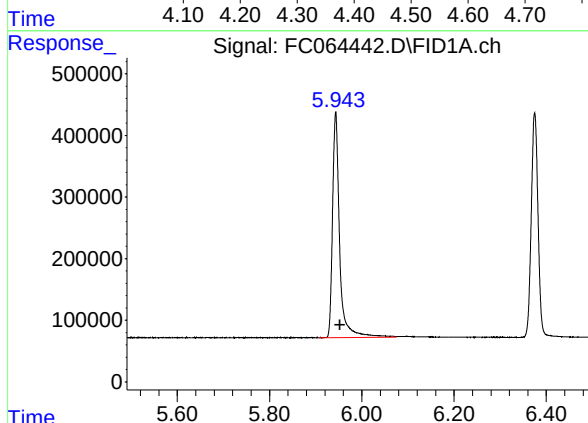
R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 3583800
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



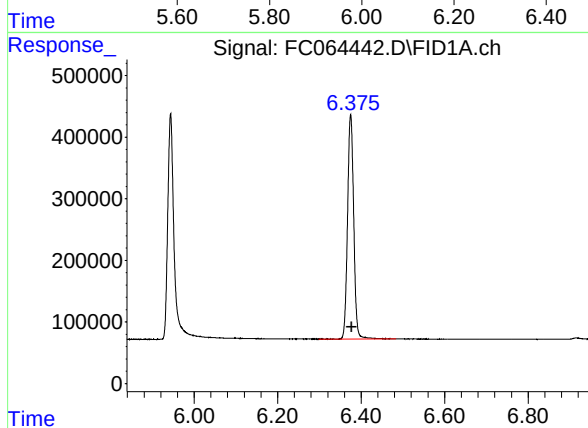
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.001 min
Response: 3657700
Conc: 20.85 ug/ml



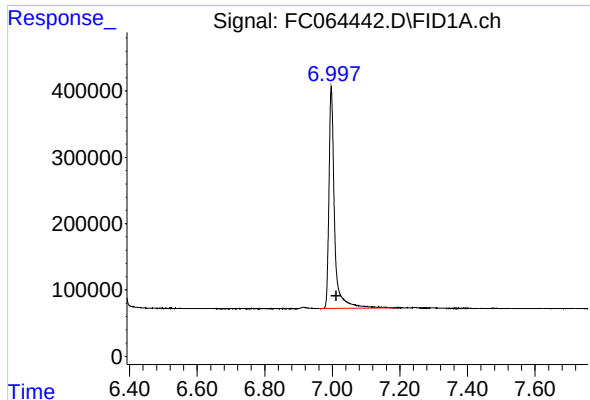
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 3908058
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

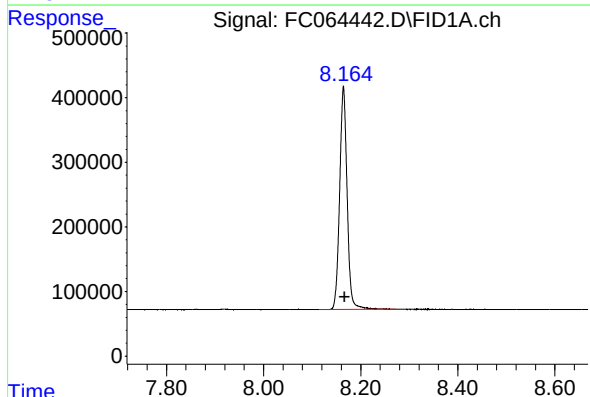
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 3730930
Conc: 20.93 ug/ml



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

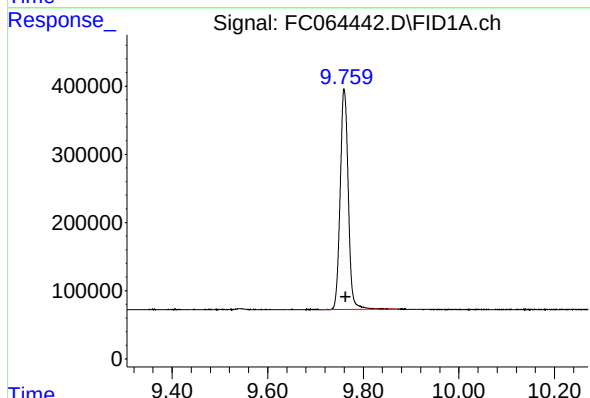
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3844123
Conc: 21.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



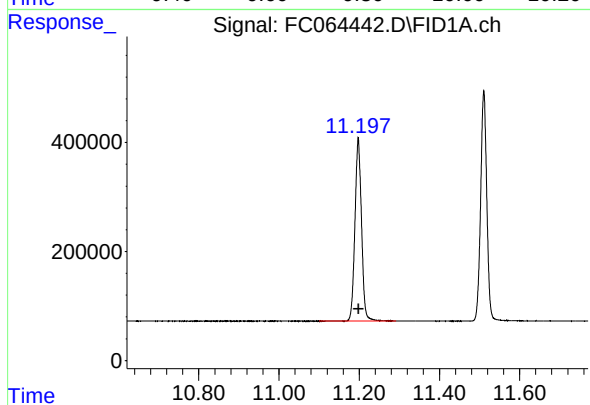
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 3707779
Conc: 21.25 ug/ml



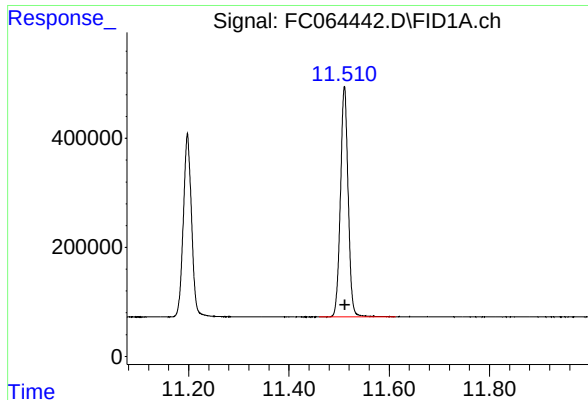
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 3773927
Conc: 21.84 ug/ml



#8 n-Octadecane (C18)

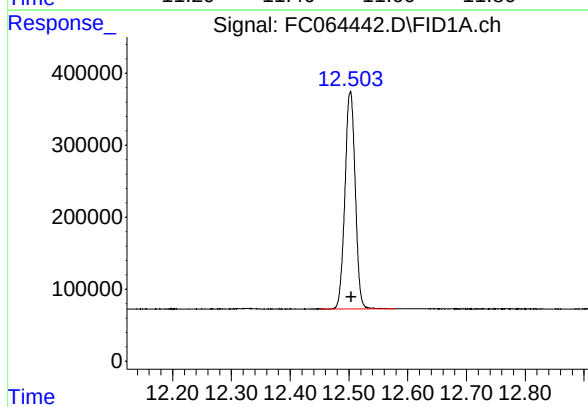
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3816308
Conc: 21.80 ug/ml



#9 ortho-Terphenyl (SURR)

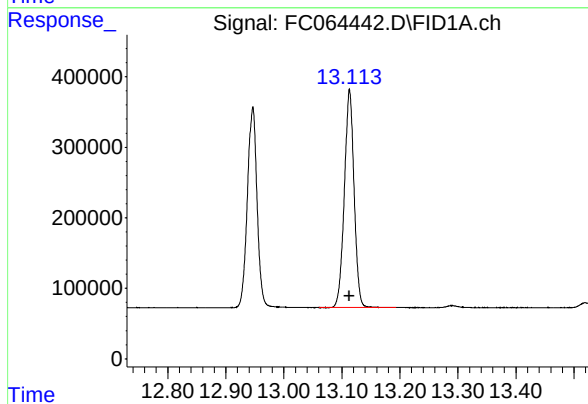
R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 4511184
Conc: 21.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



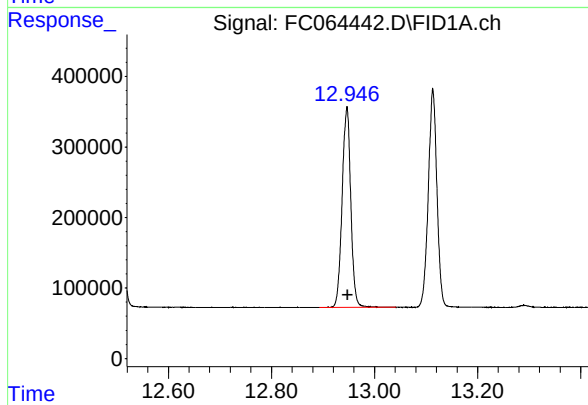
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.002 min
Response: 3674841
Conc: 21.72 ug/ml



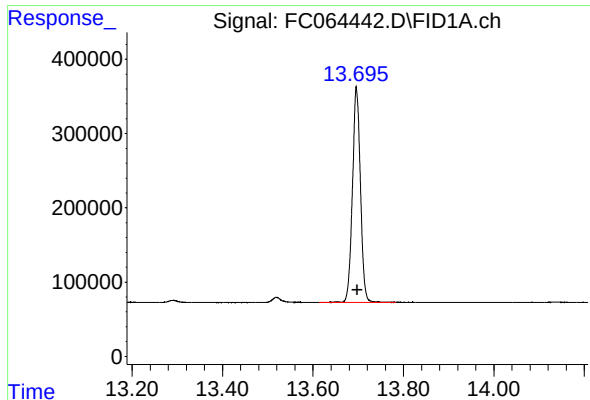
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 3599716
Conc: 21.57 ug/ml



#12 1-chlorooctadecane (SURR)

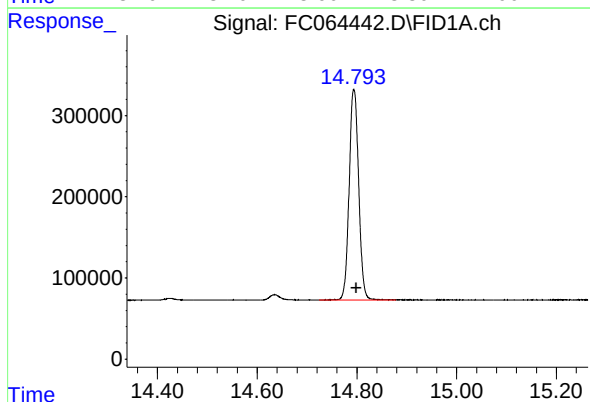
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 3314513
Conc: 21.74 ug/ml



#13 n-Docosane (C22)

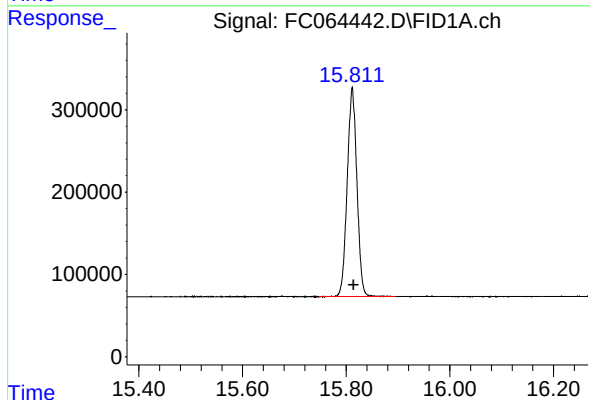
R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 3551137
Conc: 21.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



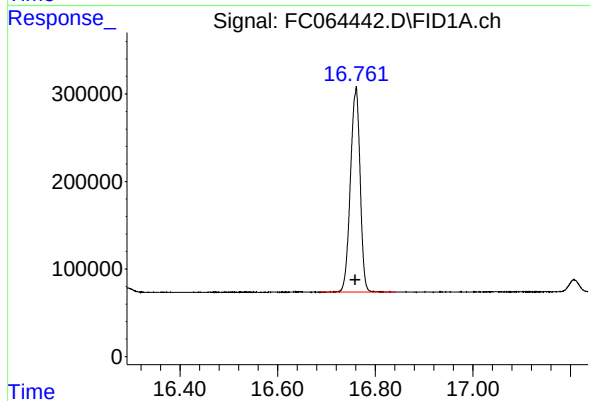
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.004 min
Response: 3431718
Conc: 21.55 ug/ml



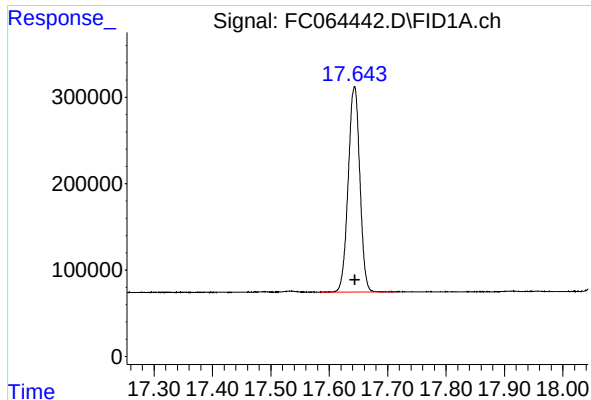
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 3299374
Conc: 21.36 ug/ml



#16 n-Octacosane (C28)

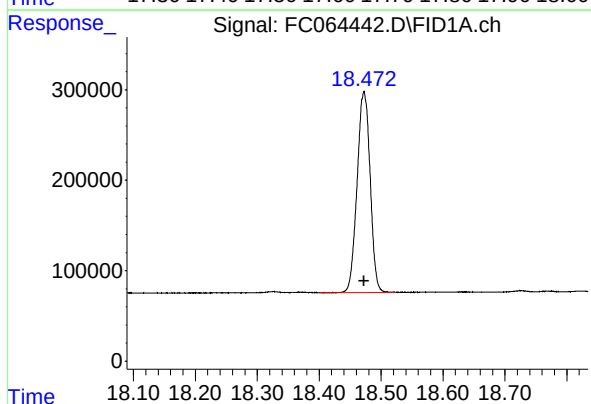
R.T.: 16.761 min
Delta R.T.: 0.002 min
Response: 3219770
Conc: 21.75 ug/ml



#17 n-Tricontane (C30)

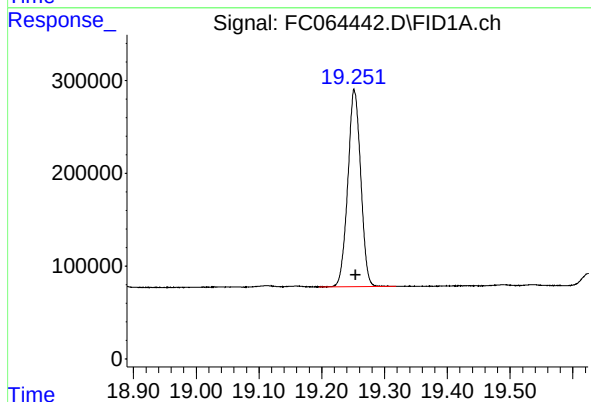
R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 3298665
Conc: 22.58 ug/ml

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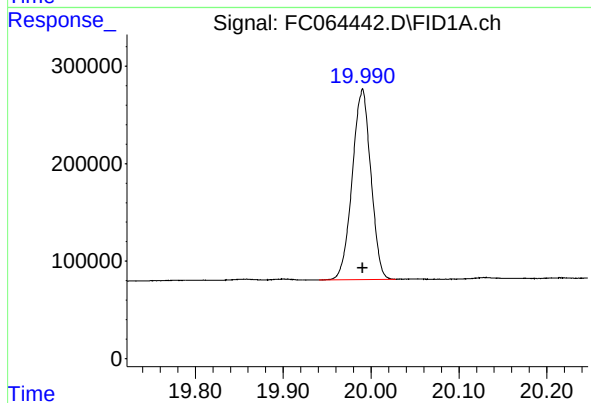
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 3250062
Conc: 23.01 ug/ml



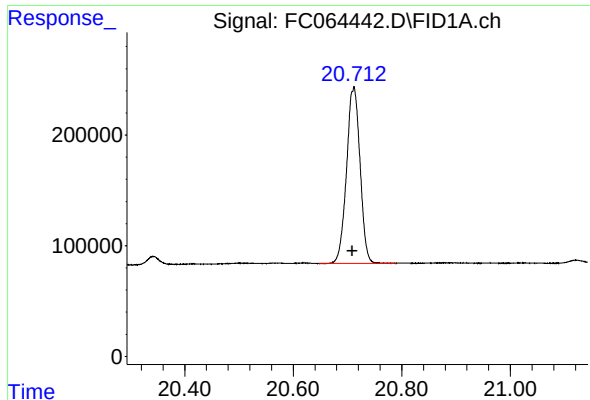
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 3034553
Conc: 22.71 ug/ml



#20 n-Hexatriacontane (C36)

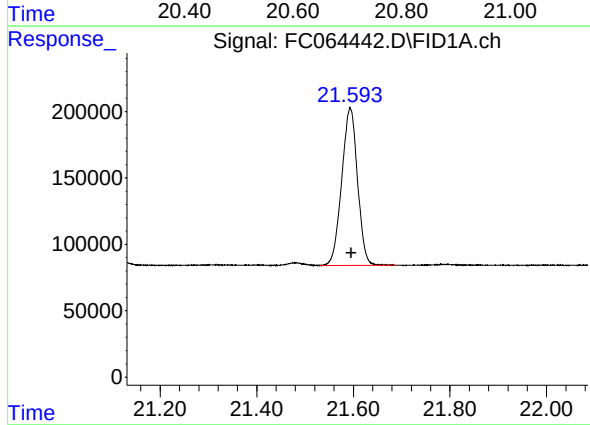
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 2868290
Conc: 22.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.003 min
Response: 2747093
Conc: 22.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.002 min
Response: 2693741
Conc: 23.20 ug/ml