

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061831.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 10:05
 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: Oct 19 06:34:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.587	3427283	23.057 ug/ml
Spiked Amount 50.000		Recovery =	46.11%
12) S 1-chlorooctadecane (S...	13.024	2690468	23.094 ug/ml
Spiked Amount 50.000		Recovery =	46.19%
Target Compounds			
1) T n-Nonane (C9)	3.346	3255854	23.147 ug/ml
2) T n-Decane (C10)	4.412	3301086	23.125 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3577880	23.180 ug/ml
4) T n-Dodecane (C12)	6.428	3344627	23.039 ug/ml
5) T A~2-methylnaphthalene...	7.052	3501353	23.081 ug/ml
6) T n-Tetradecane (C14)	8.225	3344398	23.007 ug/ml
7) T n-Hexadecane (C16)	9.827	3339594	22.933 ug/ml
8) T n-Octadecane (C18)	11.270	3317697	22.953 ug/ml
10) T n-Eicosane (C20)	12.580	3242500	22.974 ug/ml
11) T n-Heneicosane (C21)	13.192	3196317	23.036 ug/ml
13) T n-Docosane (C22)	13.778	3142865	22.925 ug/ml
14) T n-Tetracosane (C24)	14.882	3000827	22.711 ug/ml
15) T n-Hexacosane (C26)	15.901	2856460	22.669 ug/ml
16) T n-Octacosane (C28)	16.851	2717446	22.532 ug/ml
17) T n-Tricontane (C30)	17.739	2690537	22.613 ug/ml
18) T n-Dotriacontane (C32)	18.571	2653537	22.522 ug/ml
19) T n-Tetratriacontane (C34)	19.355	2561680	22.675 ug/ml
20) T n-Hexatriacontane (C36)	20.095	2575168	22.707 ug/ml
21) T n-Octatriacontane (C38)	20.833	2563141	22.780 ug/ml
22) T n-Tetracontane (C40)	21.751	2511506	22.371 ug/ml

(f)=RT Delta > 1/2 Window

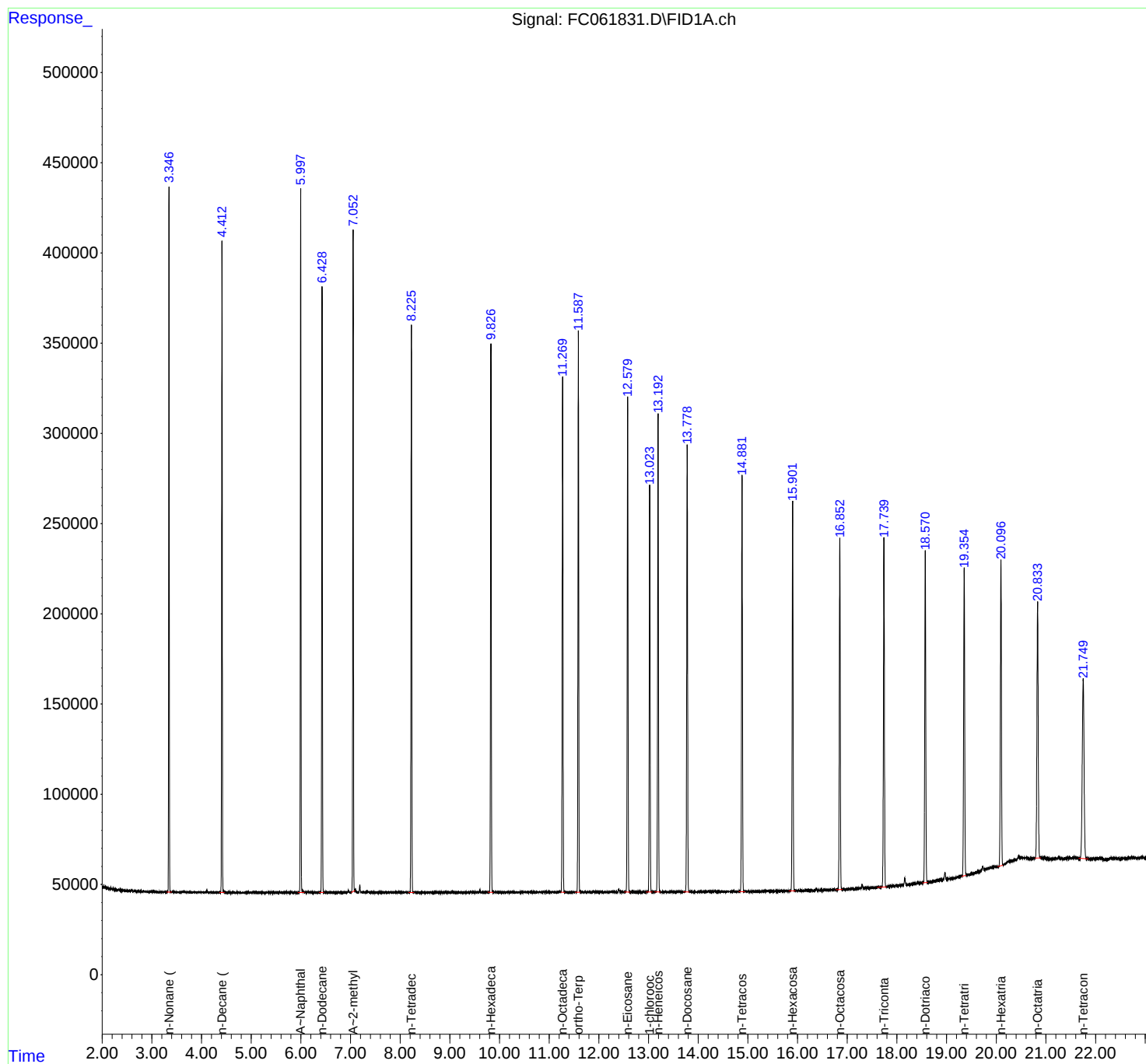
(m)=manual int.

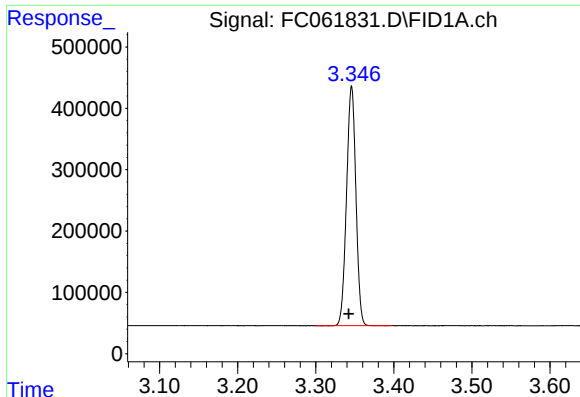
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
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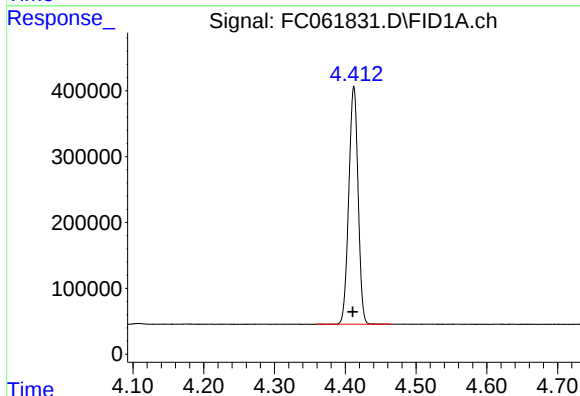




#1 n-Nonane (C9)

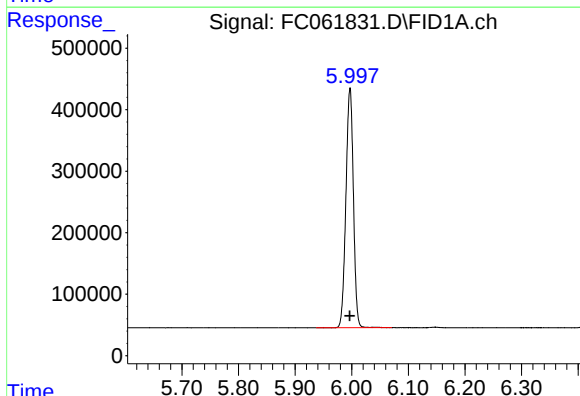
R.T.: 3.346 min
Delta R.T.: 0.004 min
Response: 3255854
Conc: 23.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



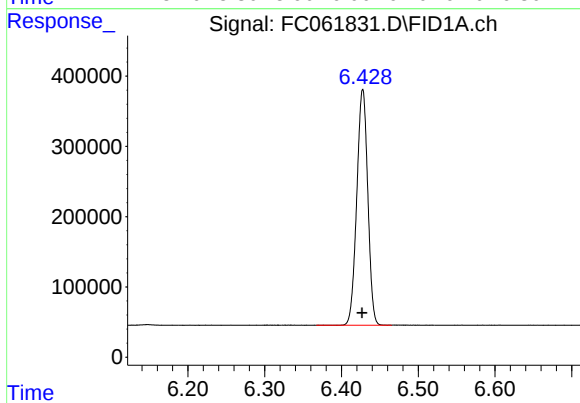
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.002 min
Response: 3301086
Conc: 23.13 ug/ml



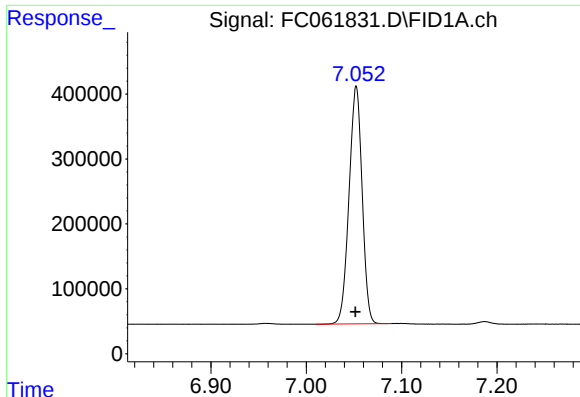
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 3577880
Conc: 23.18 ug/ml



#4 n-Dodecane (C12)

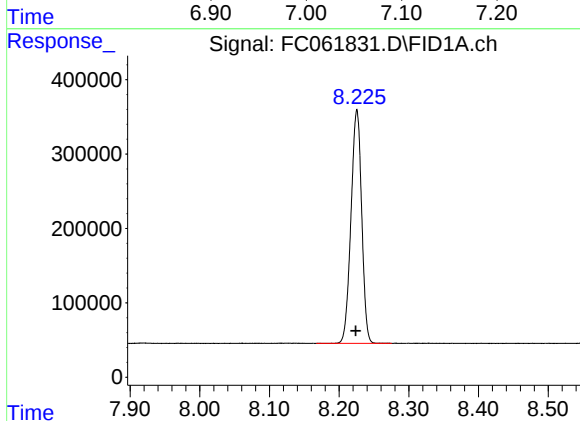
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 3344627
Conc: 23.04 ug/ml



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

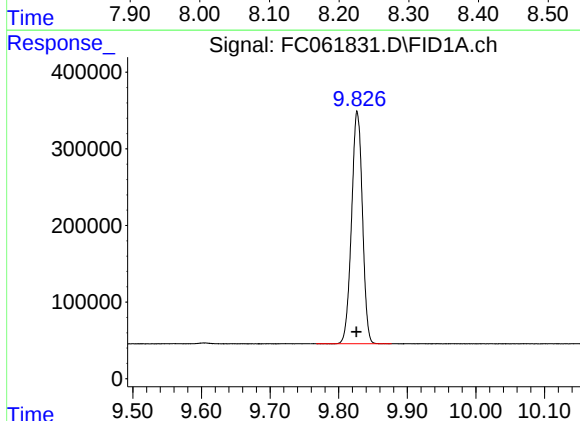
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 3501353
Conc: 23.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



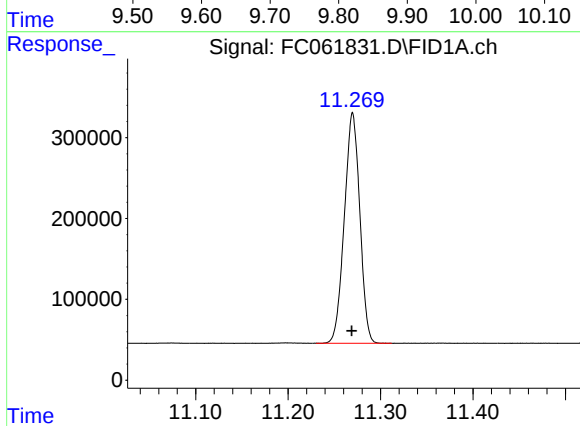
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 3344398
Conc: 23.01 ug/ml



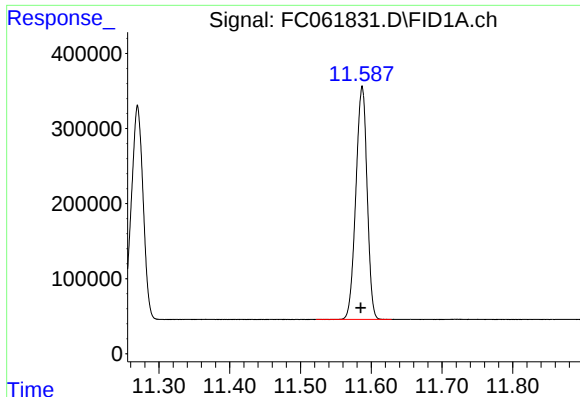
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 3339594
Conc: 22.93 ug/ml



#8 n-Octadecane (C18)

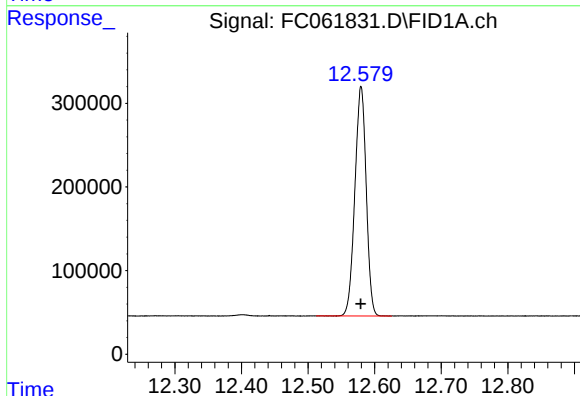
R.T.: 11.270 min
Delta R.T.: 0.001 min
Response: 3317697
Conc: 22.95 ug/ml



#9 ortho-Terphenyl (SURR)

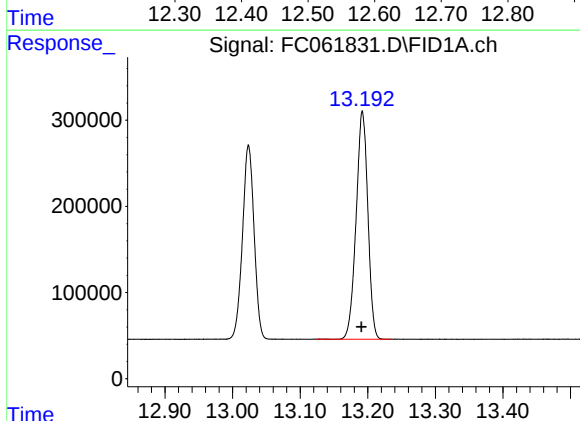
R.T.: 11.587 min
Delta R.T.: 0.002 min
Response: 3427283
Conc: 23.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



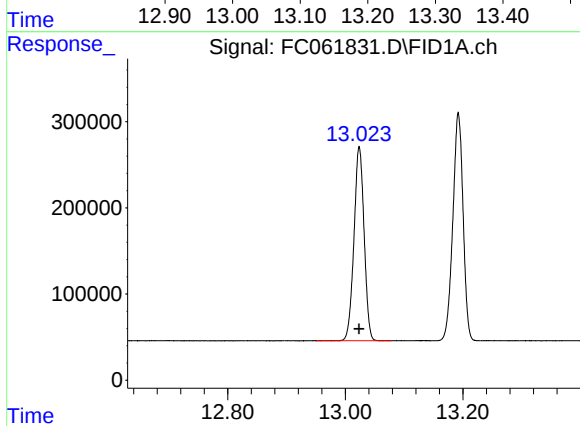
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.000 min
Response: 3242500
Conc: 22.97 ug/ml



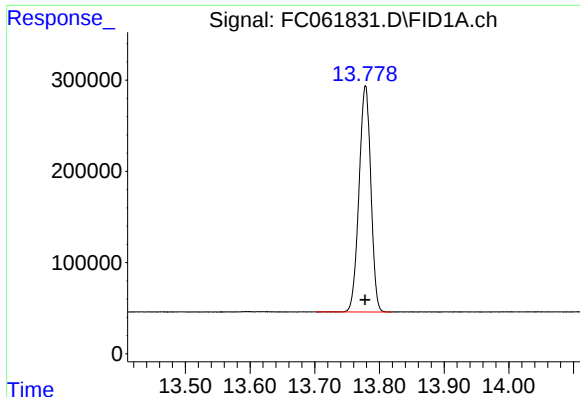
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.001 min
Response: 3196317
Conc: 23.04 ug/ml



#12 1-chlorooctadecane (SURR)

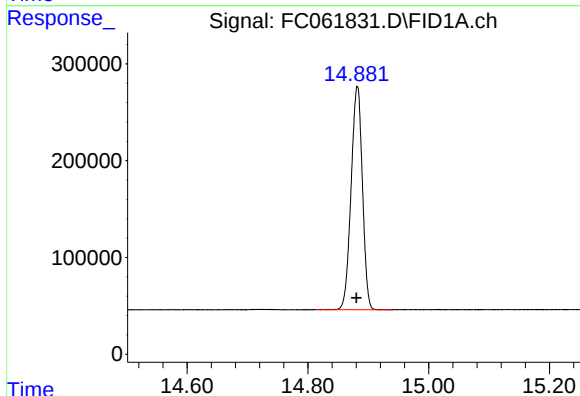
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 2690468
Conc: 23.09 ug/ml



#13 n-Docosane (C22)

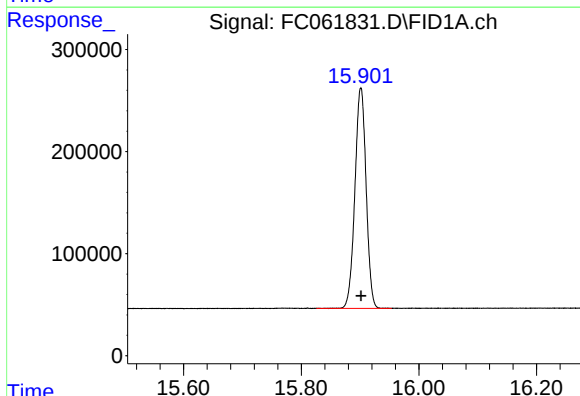
R.T.: 13.778 min
Delta R.T.: 0.000 min
Response: 3142865
Conc: 22.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



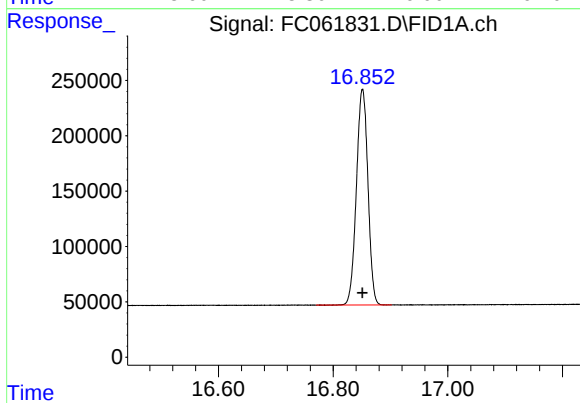
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.001 min
Response: 3000827
Conc: 22.71 ug/ml



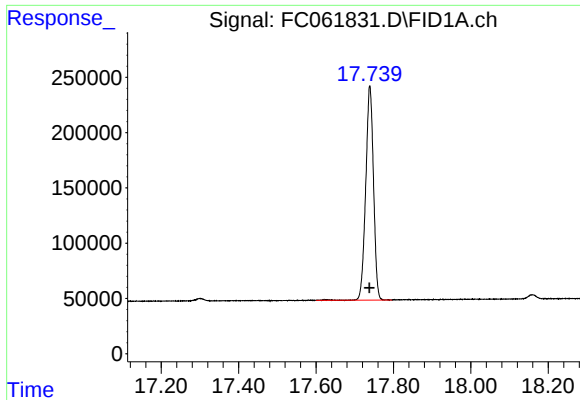
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.000 min
Response: 2856460
Conc: 22.67 ug/ml



#16 n-Octacosane (C28)

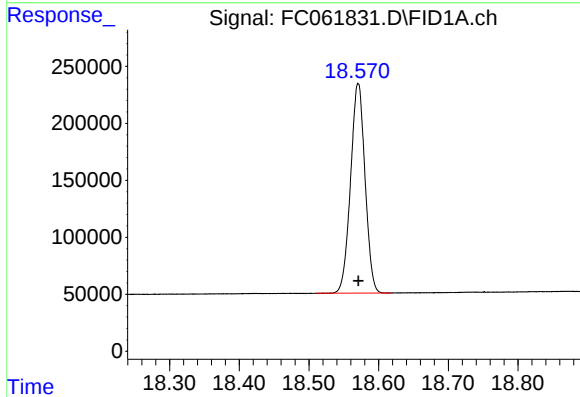
R.T.: 16.851 min
Delta R.T.: 0.000 min
Response: 2717446
Conc: 22.53 ug/ml



#17 n-Tricontane (C30)

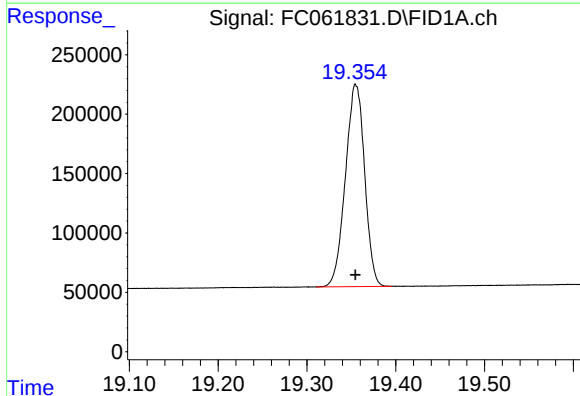
R.T.: 17.739 min
Delta R.T.: 0.001 min
Response: 2690537
Conc: 22.61 ug/ml

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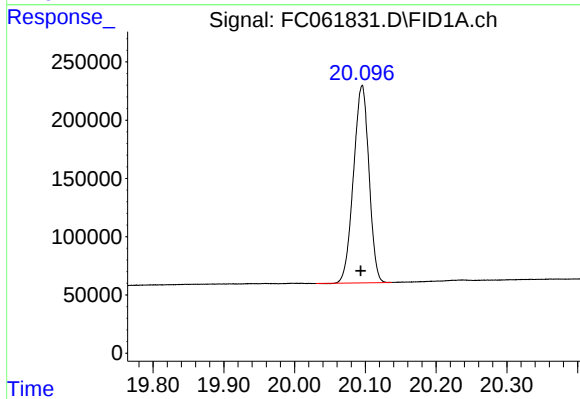
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: 0.000 min
Response: 2653537
Conc: 22.52 ug/ml



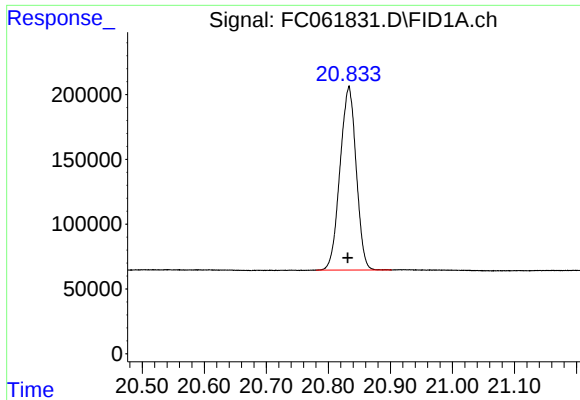
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: 0.000 min
Response: 2561680
Conc: 22.67 ug/ml



#20 n-Hexatriacontane (C36)

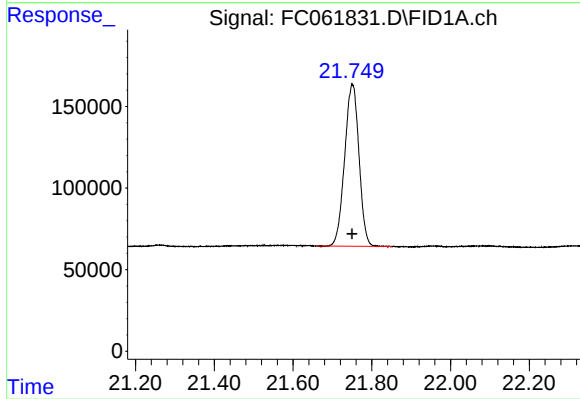
R.T.: 20.095 min
Delta R.T.: 0.002 min
Response: 2575168
Conc: 22.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.002 min
Response: 2563141
Conc: 22.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.751 min
Delta R.T.: 0.001 min
Response: 2511506
Conc: 22.37 ug/ml