

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111424AL\
 Data File : FC067755.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 15:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 16:44:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.488	3603455	18.586 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	12.926	2724804	18.771 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.272	3003368	18.413 ug/ml
2) T n-Decane (C10)	4.334	3068065	18.501 ug/ml
3) T A~Naphthalene (C11.7)	5.910	3378731	18.447 ug/ml
4) T n-Dodecane (C12)	6.348	3102446	18.420 ug/ml
5) T A~2-methylnaphthalene...	6.965	3272619	18.453 ug/ml
6) T n-Tetradecane (C14)	8.140	3084971	18.421 ug/ml
7) T n-Hexadecane (C16)	9.738	3200682	18.469 ug/ml
8) T n-Octadecane (C18)	11.178	3281626	18.652 ug/ml
10) T n-Eicosane (C20)	12.484	3159188	18.762 ug/ml
11) T n-Heneicosane (C21)	13.095	3098232	18.830 ug/ml
13) T n-Docosane (C22)	13.681	3065491	18.824 ug/ml
14) T n-Tetracosane (C24)	14.781	3016610	18.809 ug/ml
15) T n-Hexacosane (C26)	15.800	2919480	18.852 ug/ml
16) T n-Octacosane (C28)	16.748	2908384	19.258 ug/ml
17) T n-Tricontane (C30)	17.633	2995891	19.567 ug/ml
18) T n-Dotriacontane (C32)	18.466	2956408	20.017 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2482673	19.683 ug/ml
20) T n-Hexatriacontane (C36)	19.985	2075897	19.848 ug/ml
21) T n-Octatriacontane (C38)	20.708	1847799	18.916 ug/ml
22) T n-Tetracontane (C40)	21.588	1979344	20.308 ug/ml

(f)=RT Delta > 1/2 Window

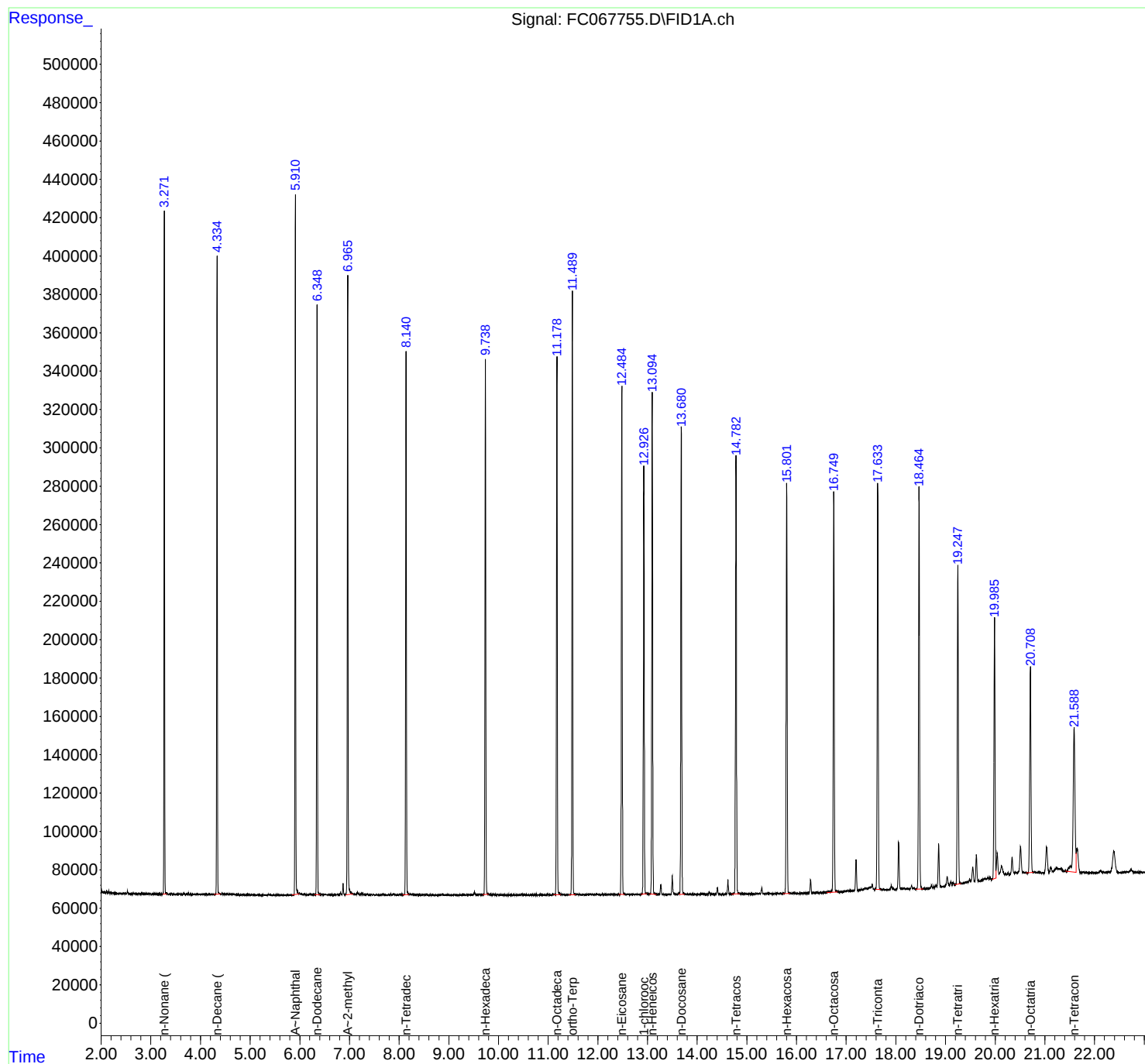
(m)=manual int.

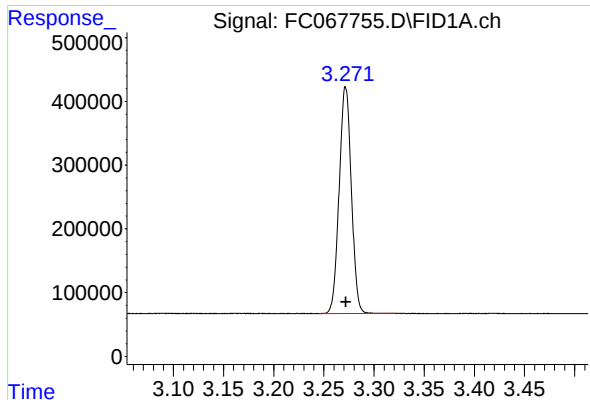
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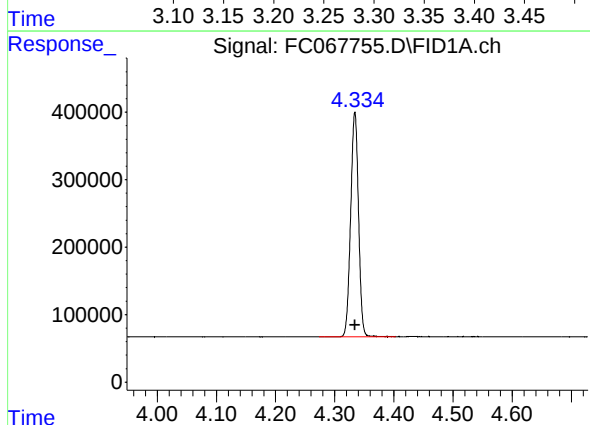




#1 n-Nonane (C9)

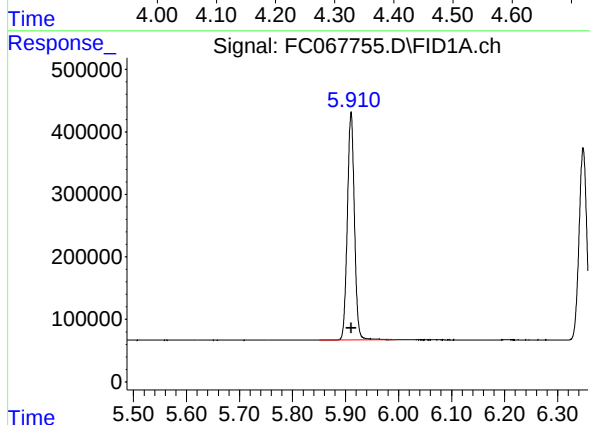
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3003368
Conc: 18.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



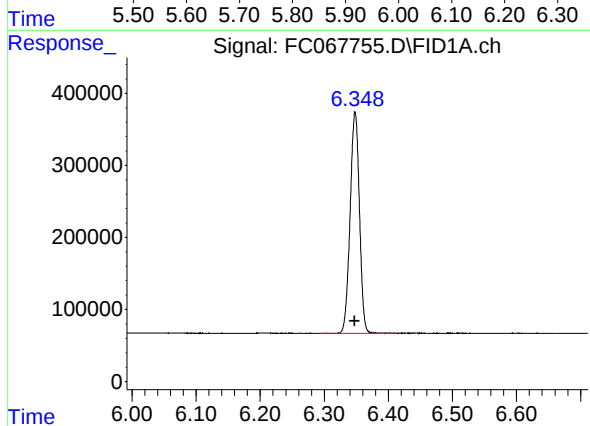
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3068065
Conc: 18.50 ug/ml



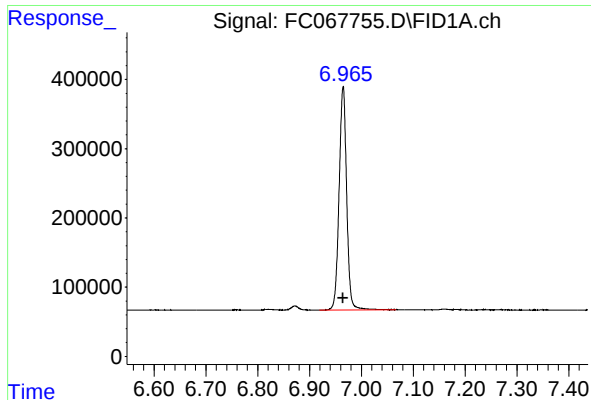
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3378731
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

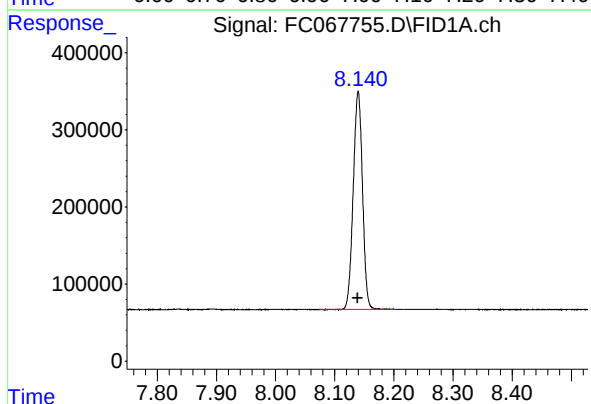
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 3102446
Conc: 18.42 ug/ml



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

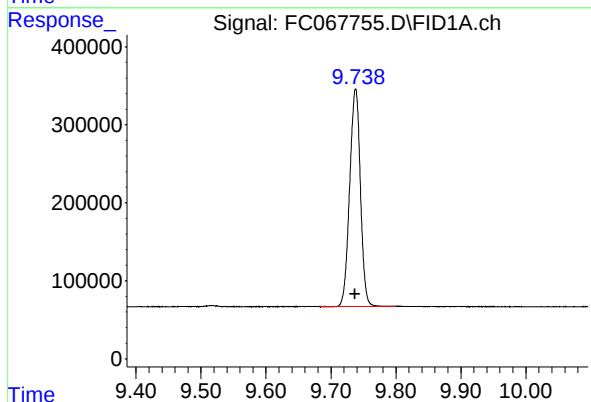
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3272619
Conc: 18.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



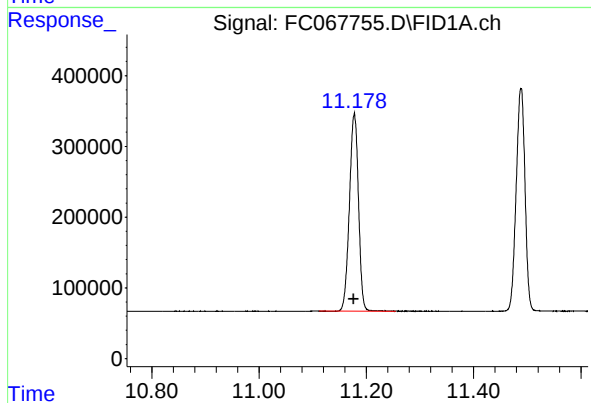
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 3084971
Conc: 18.42 ug/ml



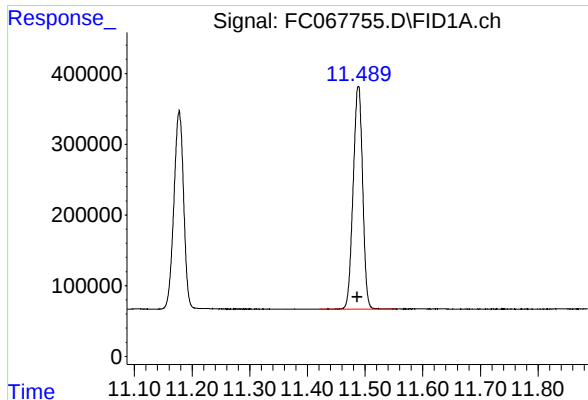
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.000 min
Response: 3200682
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

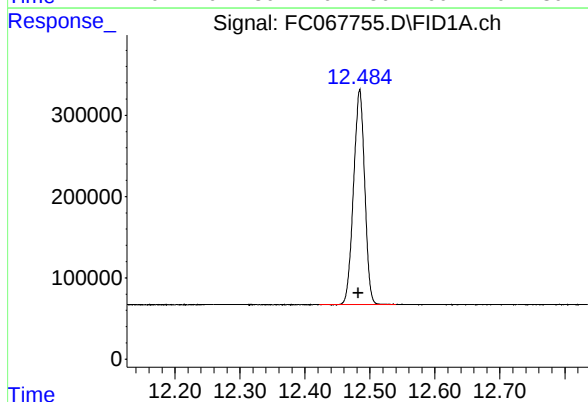
R.T.: 11.178 min
Delta R.T.: 0.001 min
Response: 3281626
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

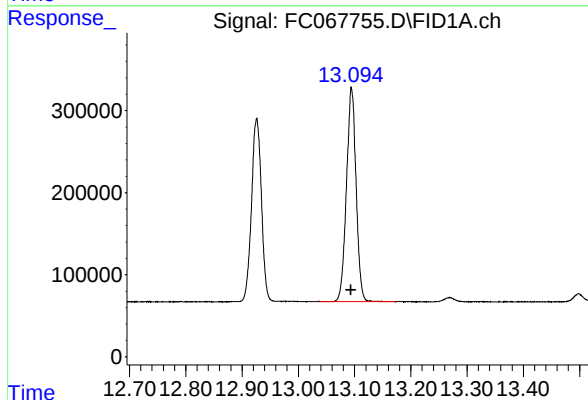
R.T.: 11.488 min
Delta R.T.: 0.002 min
Response: 3603455
Conc: 18.59 ug/ml

Instrument :
FID_C
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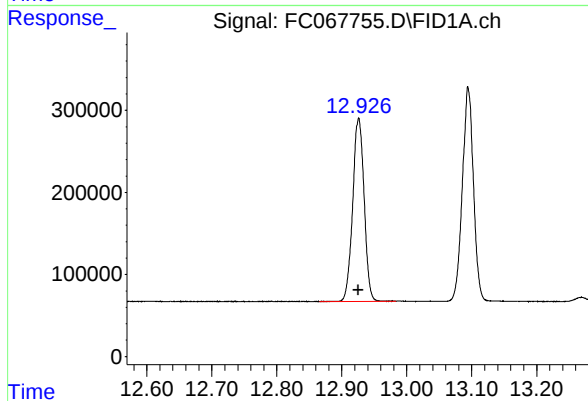
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.002 min
Response: 3159188
Conc: 18.76 ug/ml



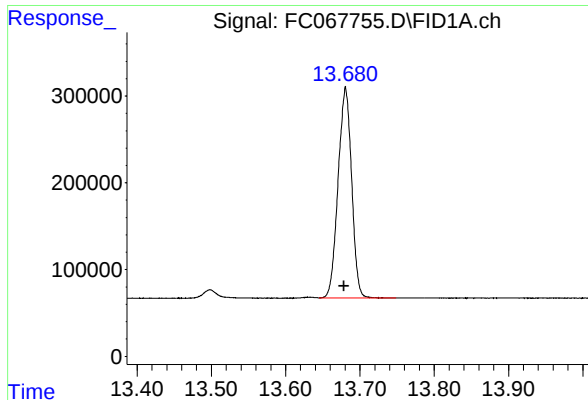
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.001 min
Response: 3098232
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

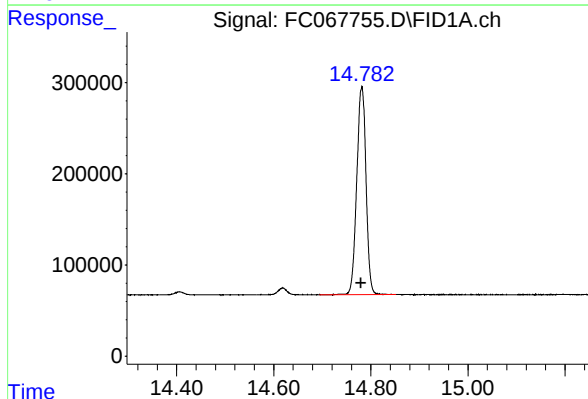
R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 2724804
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

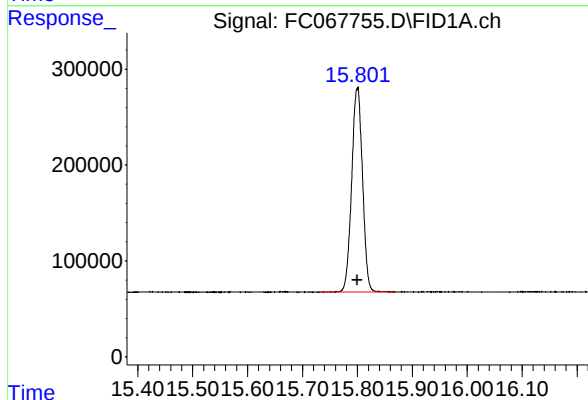
R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 3065491
Conc: 18.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



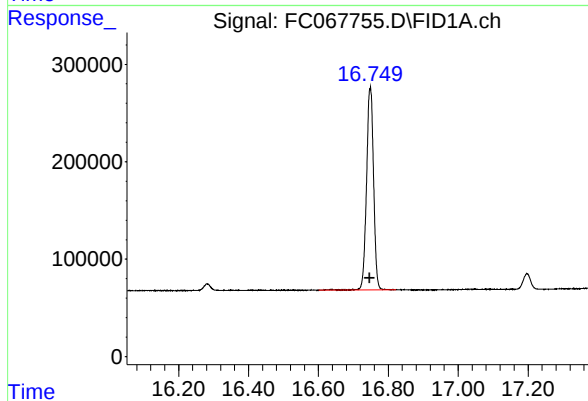
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.001 min
Response: 3016610
Conc: 18.81 ug/ml



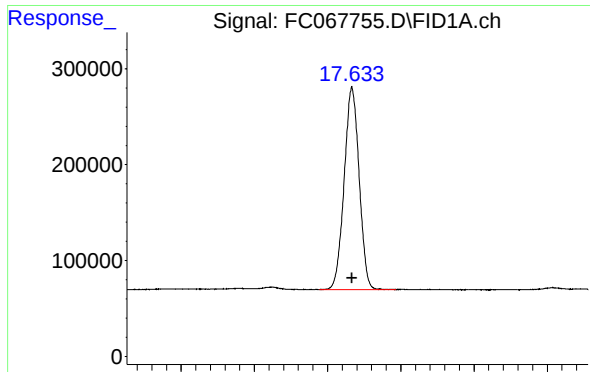
#15 n-Hexacosane (C26)

R.T.: 15.800 min
Delta R.T.: 0.000 min
Response: 2919480
Conc: 18.85 ug/ml



#16 n-Octacosane (C28)

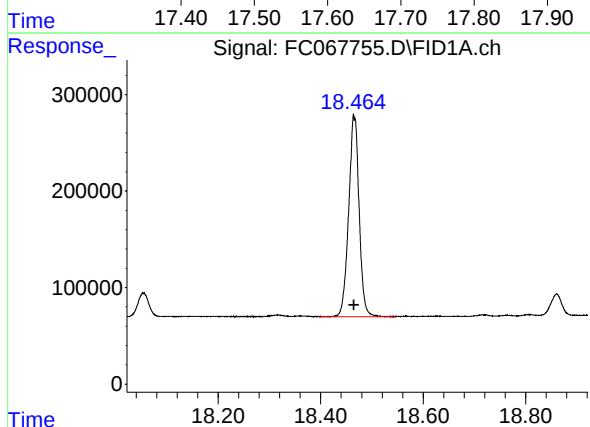
R.T.: 16.748 min
Delta R.T.: 0.001 min
Response: 2908384
Conc: 19.26 ug/ml



#17 n-Tricontane (C30)

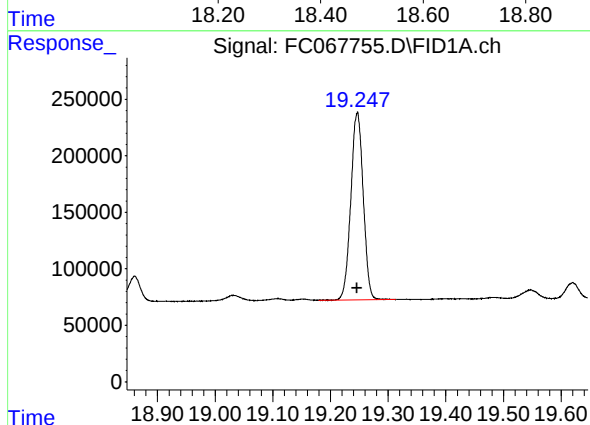
R.T.: 17.633 min
Delta R.T.: 0.000 min
Response: 2995891
Conc: 19.57 ug/ml

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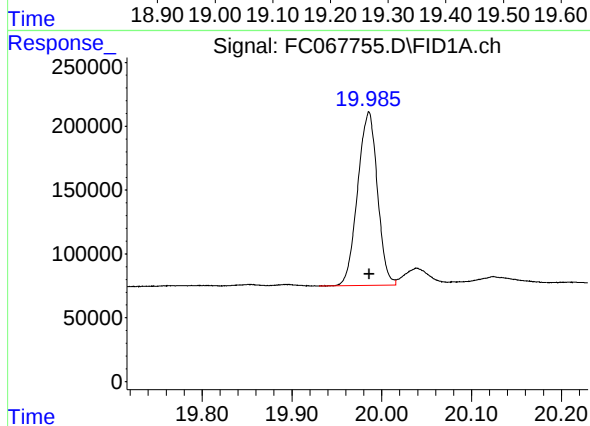
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: 0.000 min
Response: 2956408
Conc: 20.02 ug/ml



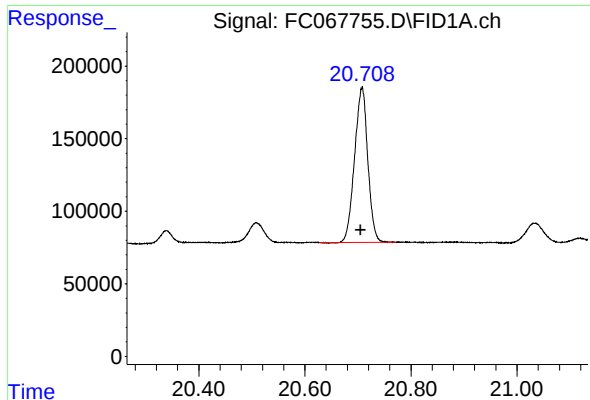
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.001 min
Response: 2482673
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

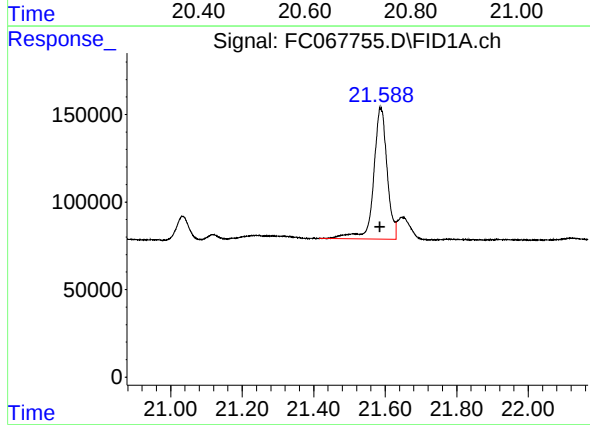
R.T.: 19.985 min
Delta R.T.: 0.000 min
Response: 2075897
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.002 min
Response: 1847799
Conc: 18.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.002 min
Response: 1979344
Conc: 20.31 ug/ml