

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112524AL\
 Data File : FC067861.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2024 12:26
 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: Nov 26 00:09:30 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)	11.499	3641635	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.936	2698066	18.587 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.286	2983804	18.293 ug/ml
2) T n-Decane (C10)	4.349	3115263	18.786 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3437853	18.770 ug/ml
4) T n-Dodecane (C12)	6.362	3174096	18.845 ug/ml
5) T A~2-methylnaphthalene...	6.979	3353234	18.907 ug/ml
6) T n-Tetradecane (C14)	8.152	3178070	18.977 ug/ml
7) T n-Hexadecane (C16)	9.749	3302675	19.058 ug/ml
8) T n-Octadecane (C18)	11.188	3338295	18.974 ug/ml
10) T n-Eicosane (C20)	12.494	3160319	18.768 ug/ml
11) T n-Heneicosane (C21)	13.105	3072044	18.671 ug/ml
13) T n-Docosane (C22)	13.689	3042132	18.680 ug/ml
14) T n-Tetracosane (C24)	14.791	3003310	18.726 ug/ml
15) T n-Hexacosane (C26)	15.810	2929578	18.917 ug/ml
16) T n-Octacosane (C28)	16.757	2974415	19.695 ug/ml
17) T n-Tricontane (C30)	17.643	3212627	20.983 ug/ml
18) T n-Dotriacontane (C32)	18.474	3182939	21.551 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2703791	21.437 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2194398	20.982 ug/ml
21) T n-Octatriacontane (C38)	20.716	1957892	20.043 ug/ml
22) T n-Tetracontane (C40)	21.601	1952045	20.028 ug/ml

(f)=RT Delta > 1/2 Window

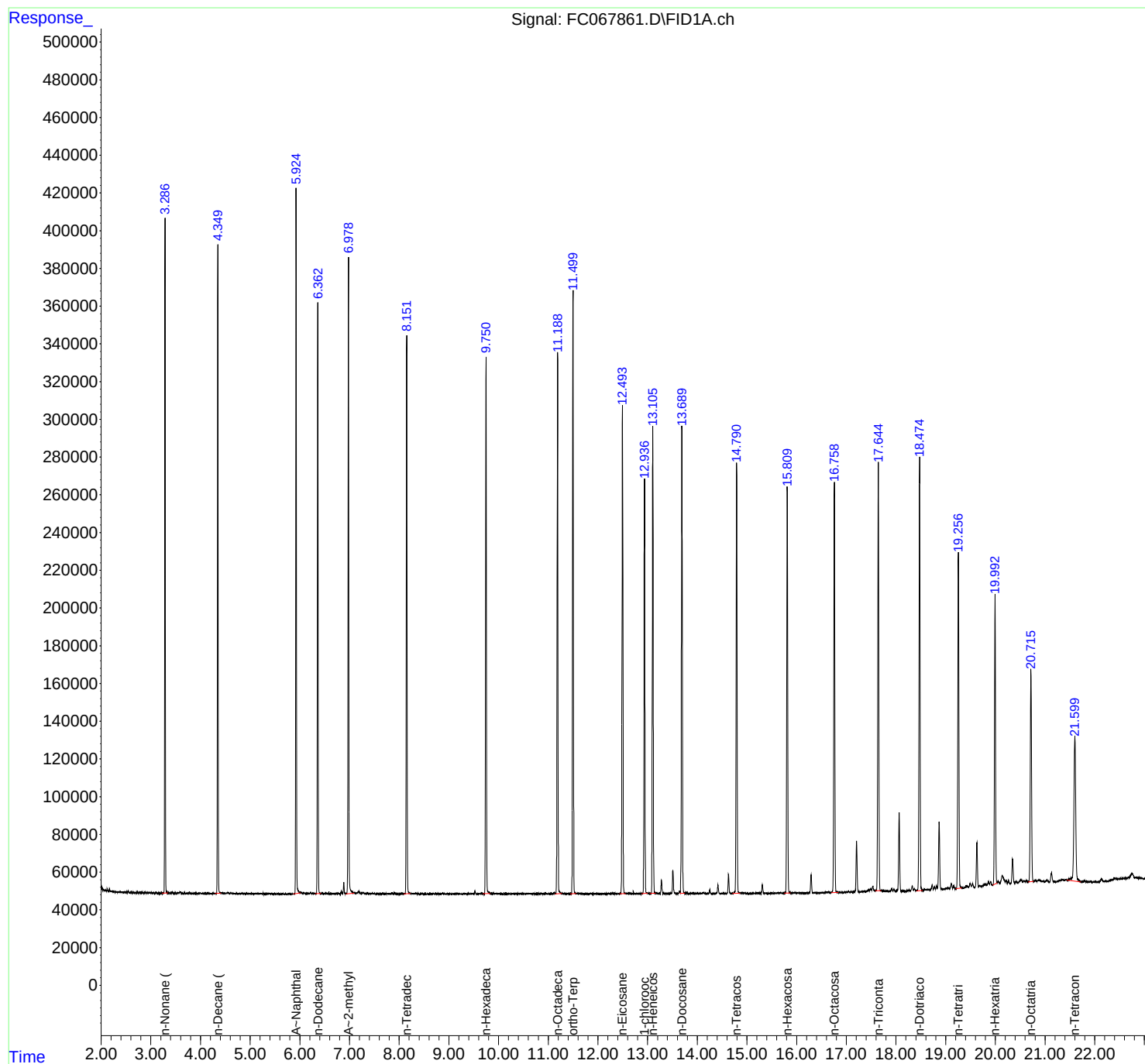
(m)=manual int.

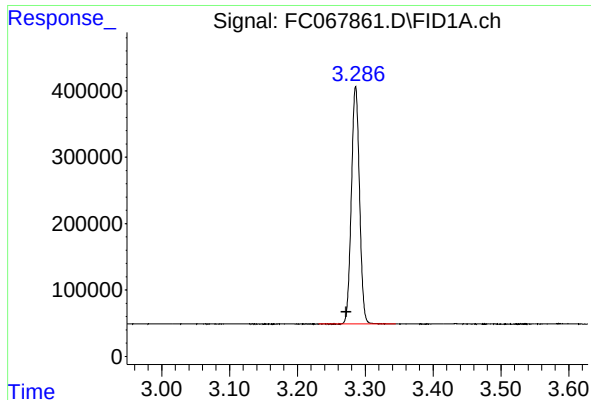
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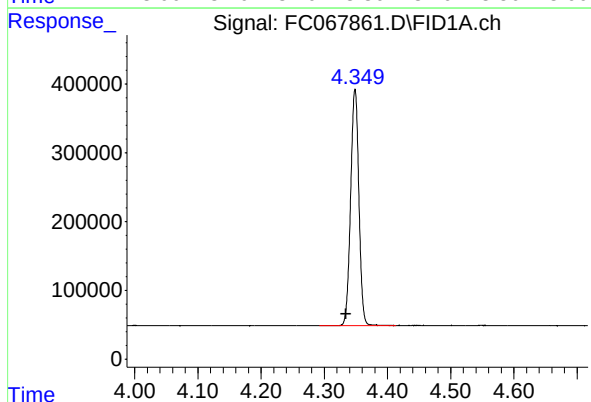




#1 n-Nonane (C9)

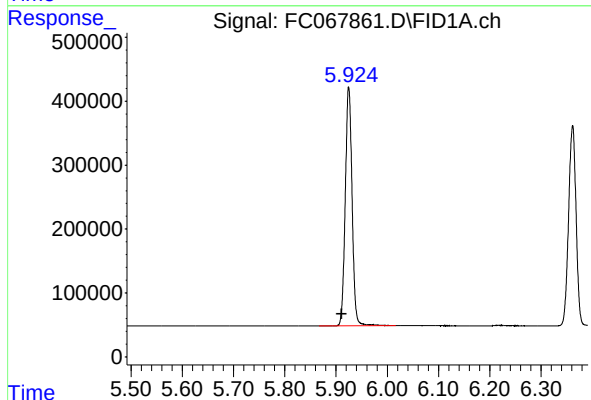
R.T.: 3.286 min
Delta R.T.: 0.014 min
Response: 2983804
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



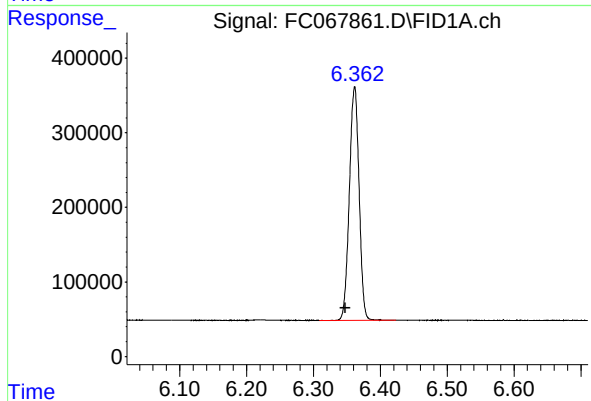
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.014 min
Response: 3115263
Conc: 18.79 ug/ml



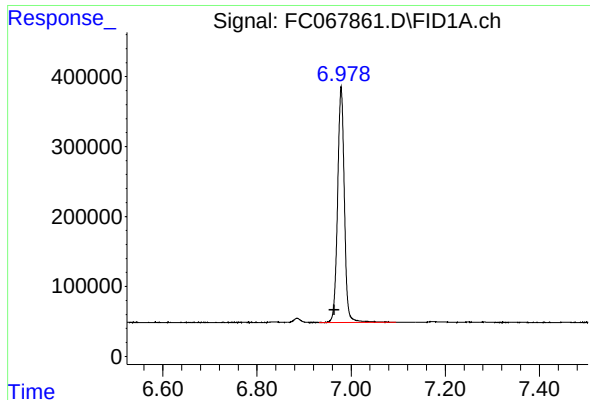
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.014 min
Response: 3437853
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

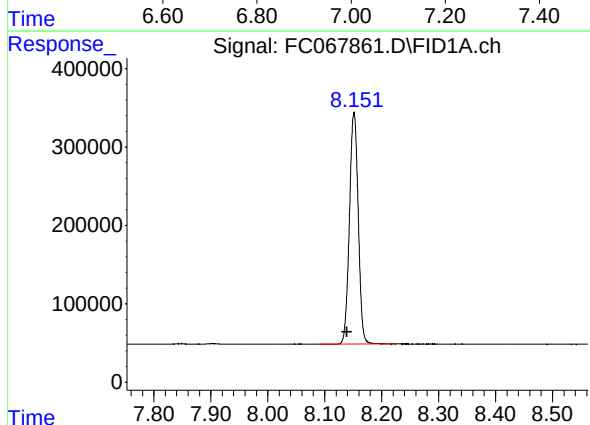
R.T.: 6.362 min
Delta R.T.: 0.014 min
Response: 3174096
Conc: 18.85 ug/ml



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

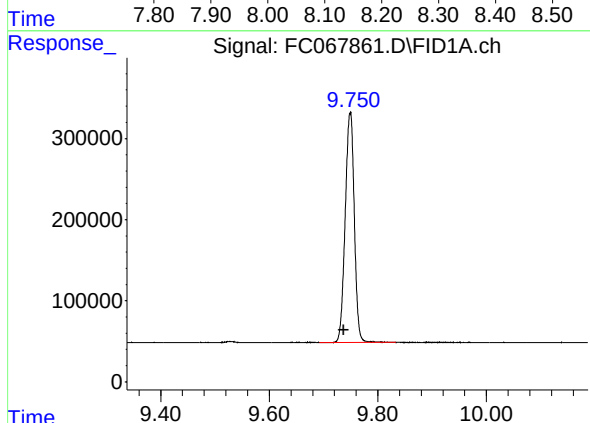
R.T.: 6.979 min
Delta R.T.: 0.014 min
Response: 3353234
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



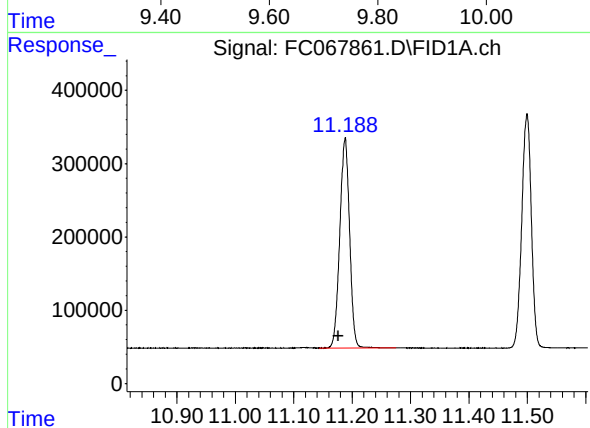
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.013 min
Response: 3178070
Conc: 18.98 ug/ml



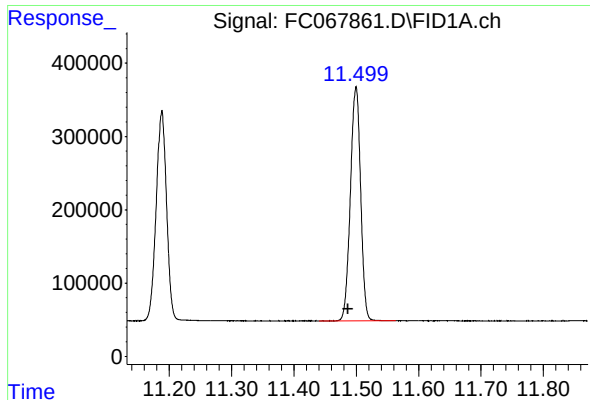
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.012 min
Response: 3302675
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

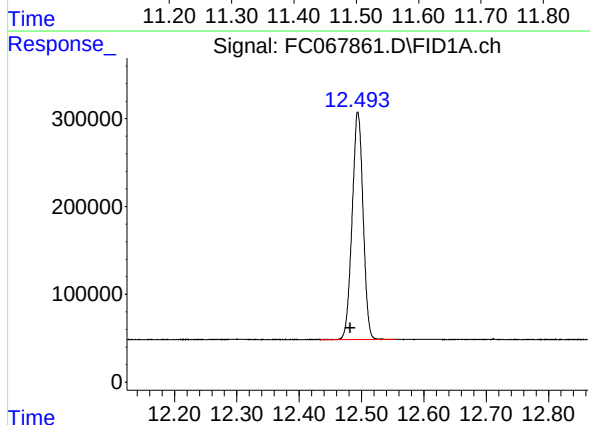
R.T.: 11.188 min
Delta R.T.: 0.012 min
Response: 3338295
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

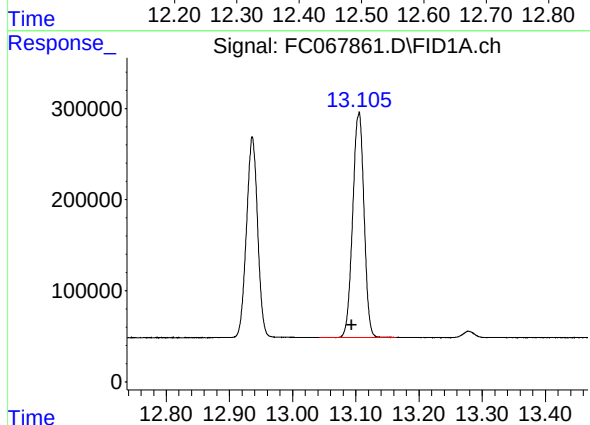
R.T.: 11.499 min
Delta R.T.: 0.013 min
Response: 3641635
Conc: 18.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



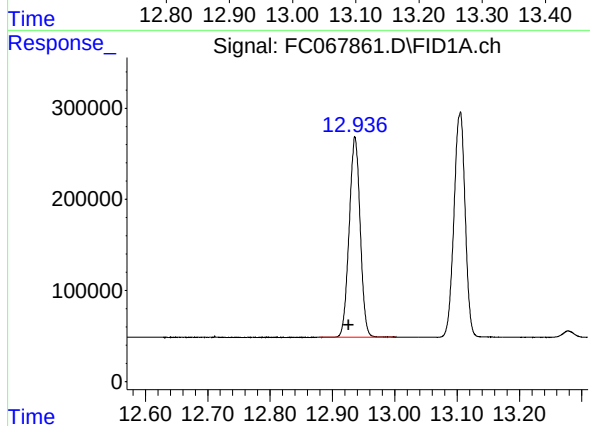
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.012 min
Response: 3160319
Conc: 18.77 ug/ml



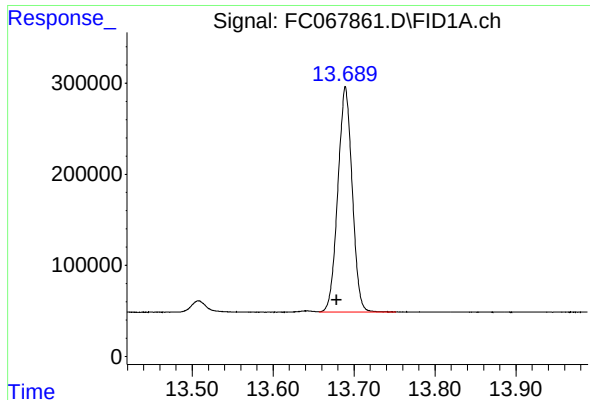
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.011 min
Response: 3072044
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

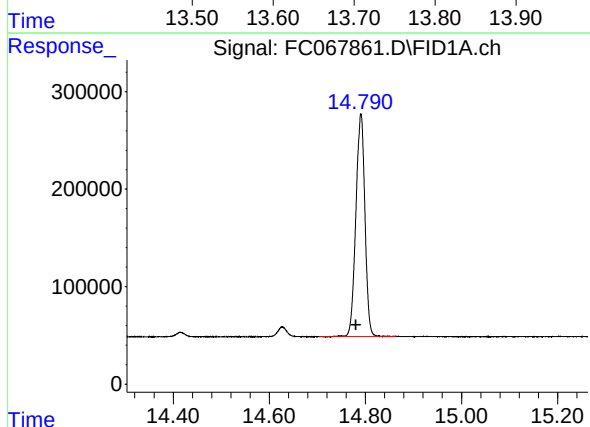
R.T.: 12.936 min
Delta R.T.: 0.011 min
Response: 2698066
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

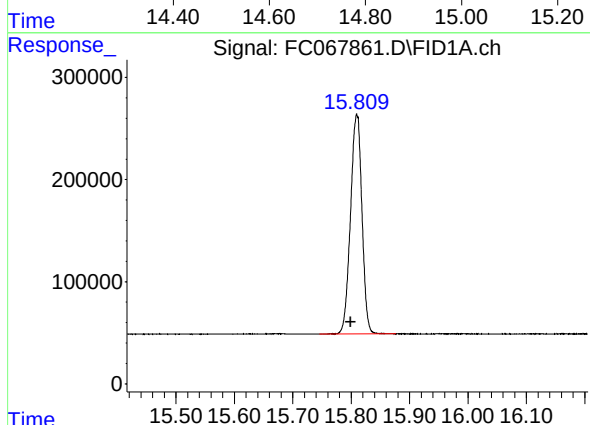
R.T.: 13.689 min
Delta R.T.: 0.011 min
Response: 3042132
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



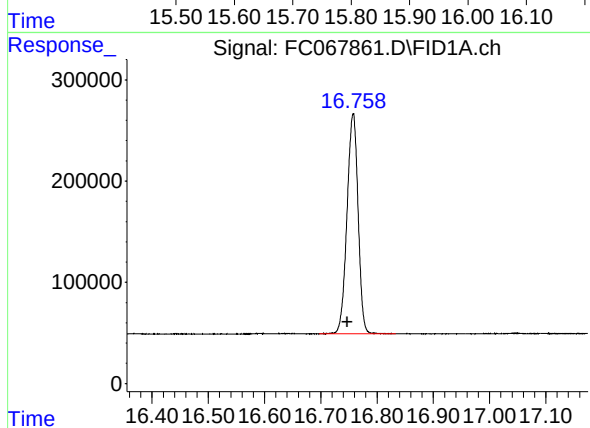
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.011 min
Response: 3003310
Conc: 18.73 ug/ml



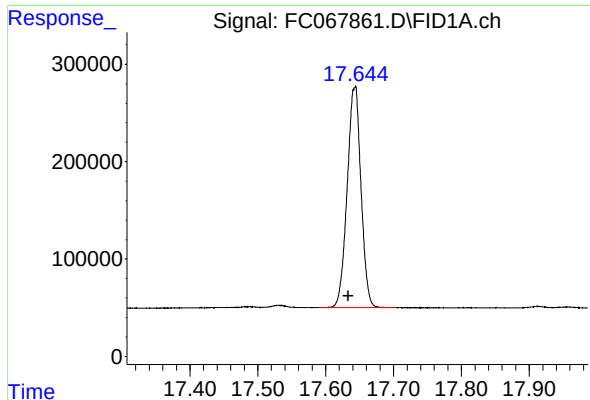
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.010 min
Response: 2929578
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

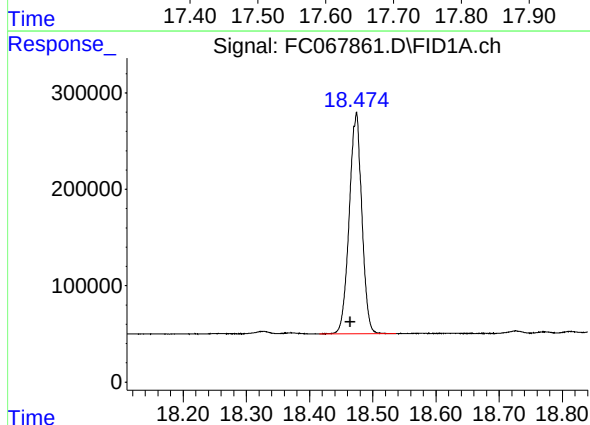
R.T.: 16.757 min
Delta R.T.: 0.011 min
Response: 2974415
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

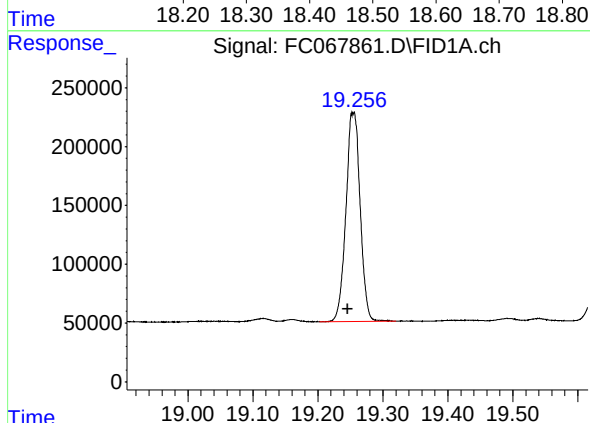
R.T.: 17.643 min
Delta R.T.: 0.009 min
Response: 3212627
Conc: 20.98 ug/ml

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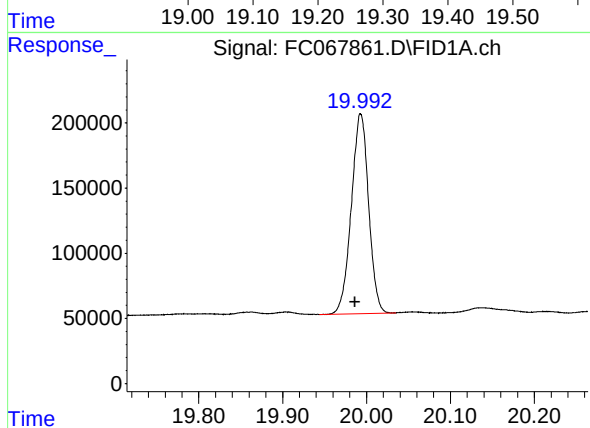
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.009 min
Response: 3182939
Conc: 21.55 ug/ml



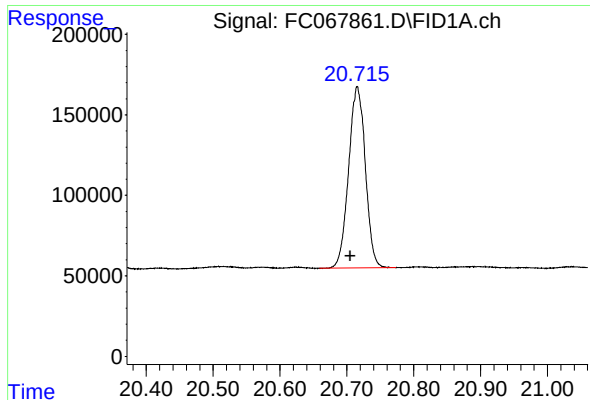
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.009 min
Response: 2703791
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

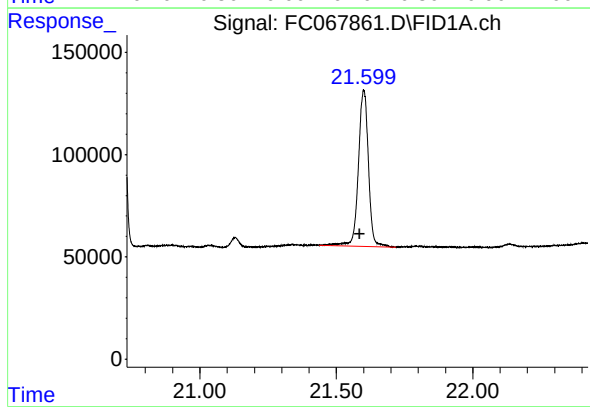
R.T.: 19.993 min
Delta R.T.: 0.007 min
Response: 2194398
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.010 min
Response: 1957892
Conc: 20.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.015 min
Response: 1952045
Conc: 20.03 ug/ml