

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
 Data File : FC067870.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2024 07:22
 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 28 00:09:55 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)	11.500	3859318	19.906 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	12.936	2834252	19.525 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.286	3138996	19.244 ug/ml
2) T n-Decane (C10)	4.349	3290574	19.843 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3548475	19.374 ug/ml
4) T n-Dodecane (C12)	6.361	3386592	20.107 ug/ml
5) T A~2-methylnaphthalene...	6.979	3580653	20.189 ug/ml
6) T n-Tetradecane (C14)	8.152	3381418	20.191 ug/ml
7) T n-Hexadecane (C16)	9.749	3506597	20.235 ug/ml
8) T n-Octadecane (C18)	11.188	3547195	20.161 ug/ml
10) T n-Eicosane (C20)	12.494	3360041	19.954 ug/ml
11) T n-Heneicosane (C21)	13.105	3276174	19.911 ug/ml
13) T n-Docosane (C22)	13.690	3234903	19.864 ug/ml
14) T n-Tetracosane (C24)	14.791	3190405	19.893 ug/ml
15) T n-Hexacosane (C26)	15.809	3110801	20.088 ug/ml
16) T n-Octacosane (C28)	16.757	3164327	20.953 ug/ml
17) T n-Tricontane (C30)	17.644	3418991	22.331 ug/ml
18) T n-Dotriacontane (C32)	18.475	3385758	22.925 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2874689	22.791 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2340196	22.376 ug/ml
21) T n-Octatriacontane (C38)	20.716	2039797	20.882 ug/ml
22) T n-Tetracontane (C40)	21.600	2157022	22.131 ug/ml

(f)=RT Delta > 1/2 Window

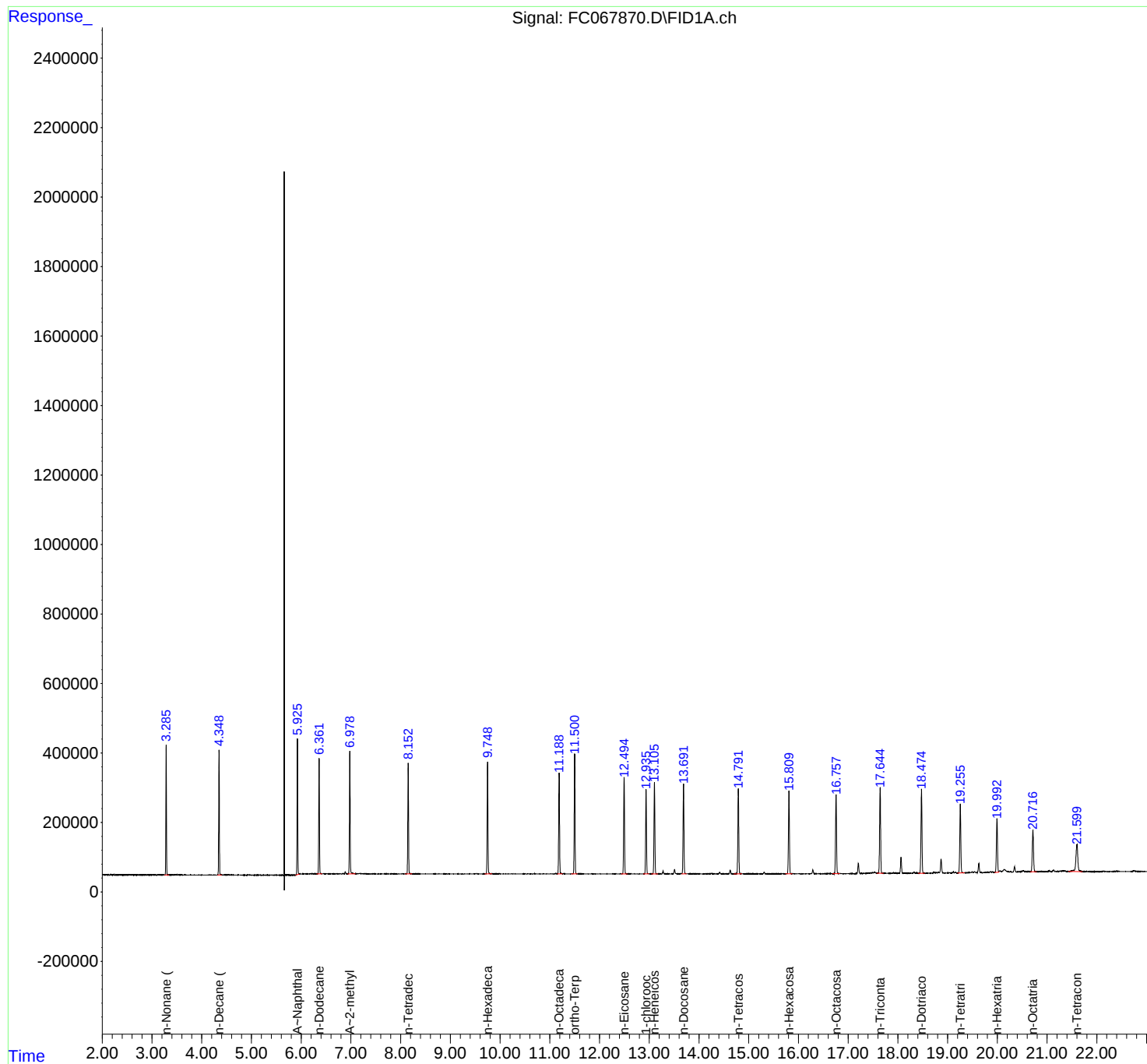
(m)=manual int.

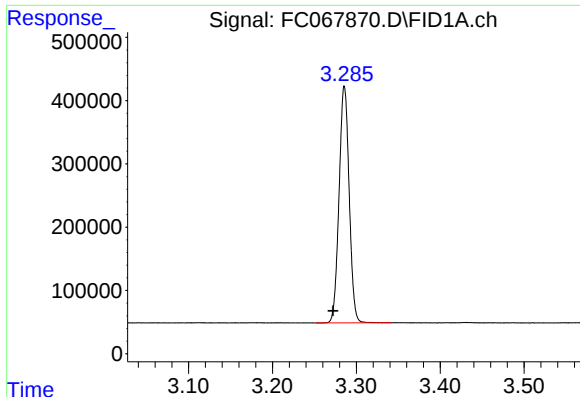
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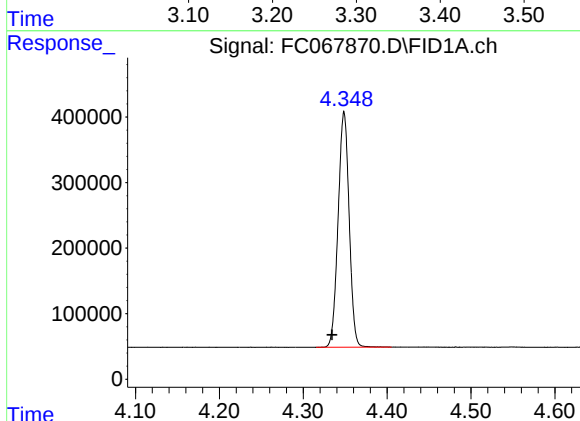




#1 n-Nonane (C9)

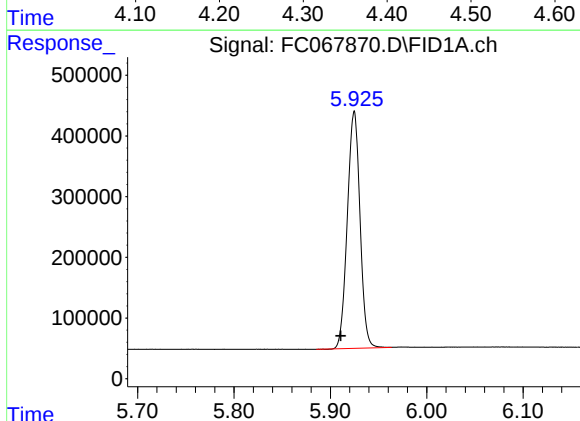
R.T.: 3.286 min
Delta R.T.: 0.014 min
Response: 3138996
Conc: 19.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



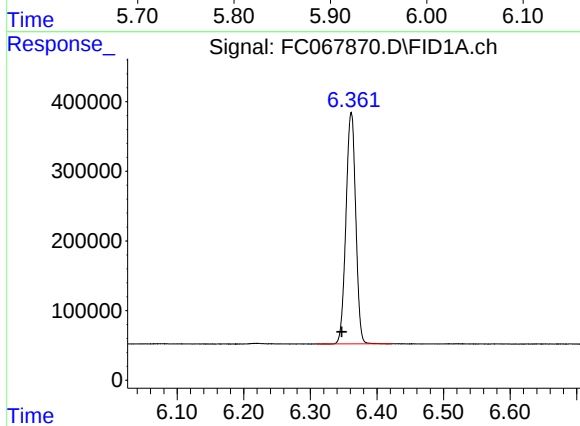
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.014 min
Response: 3290574
Conc: 19.84 ug/ml



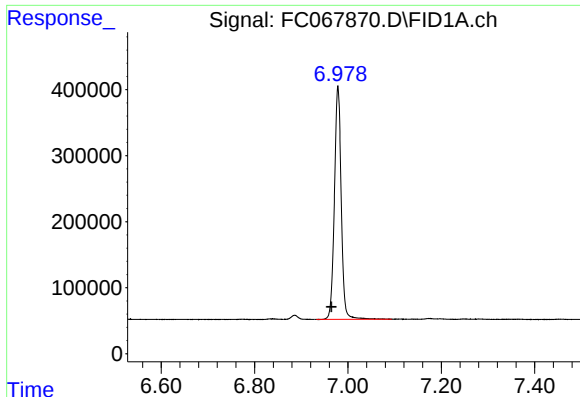
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.014 min
Response: 3548475
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

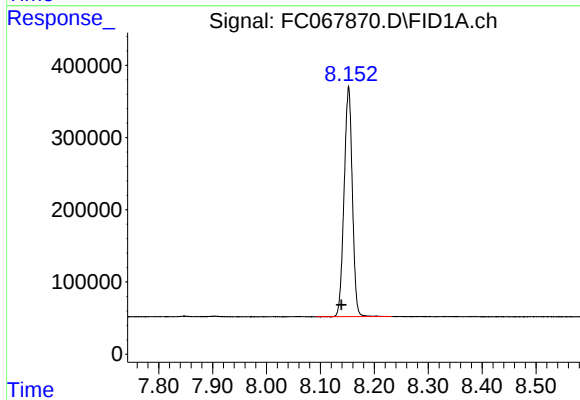
R.T.: 6.361 min
Delta R.T.: 0.014 min
Response: 3386592
Conc: 20.11 ug/ml



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

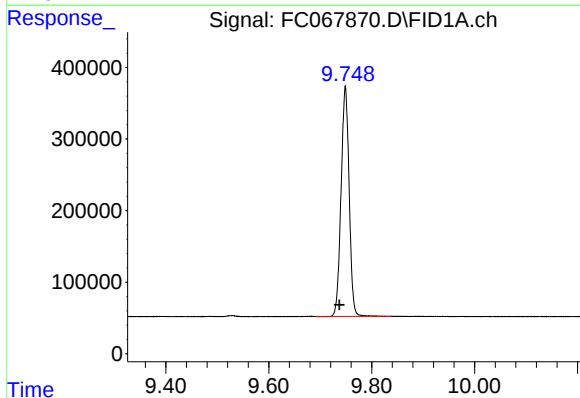
R.T.: 6.979 min
Delta R.T.: 0.014 min
Response: 3580653
Conc: 20.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



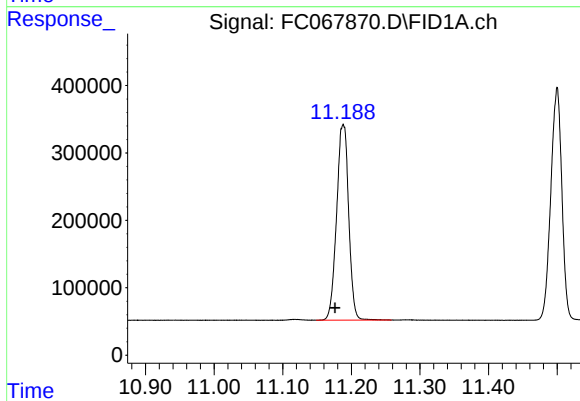
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.013 min
Response: 3381418
Conc: 20.19 ug/ml



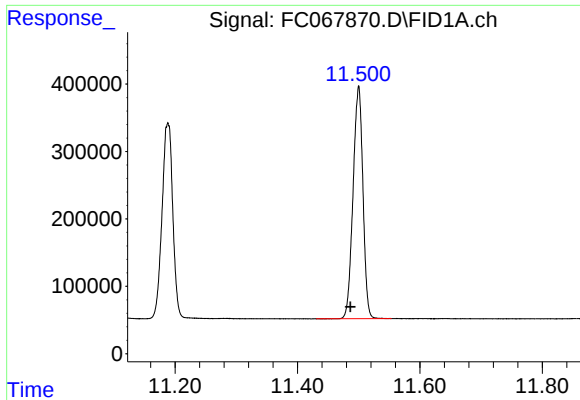
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.012 min
Response: 3506597
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

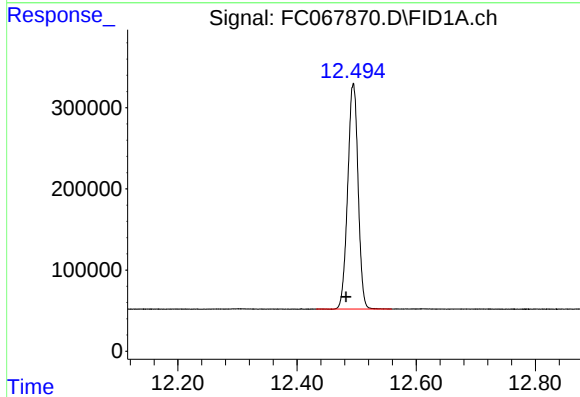
R.T.: 11.188 min
Delta R.T.: 0.012 min
Response: 3547195
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

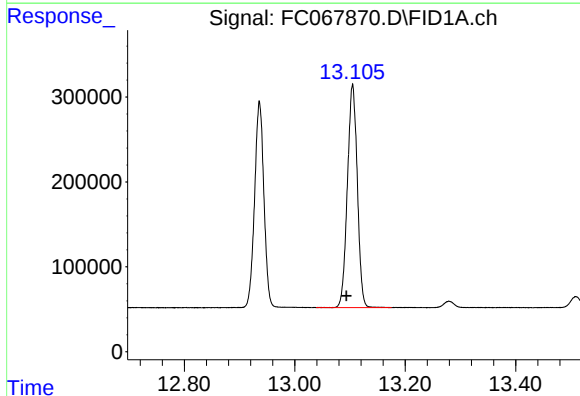
R.T.: 11.500 min
Delta R.T.: 0.013 min
Response: 3859318
Conc: 19.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



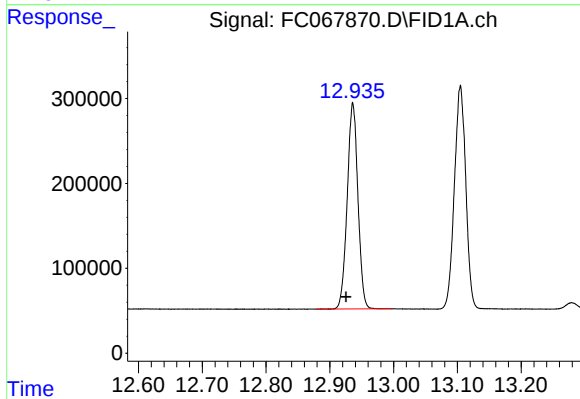
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.012 min
Response: 3360041
Conc: 19.95 ug/ml



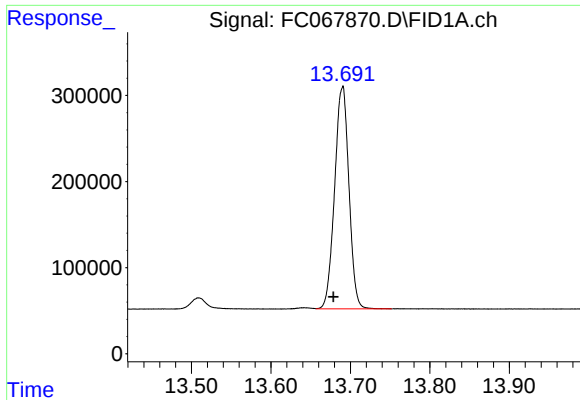
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.011 min
Response: 3276174
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

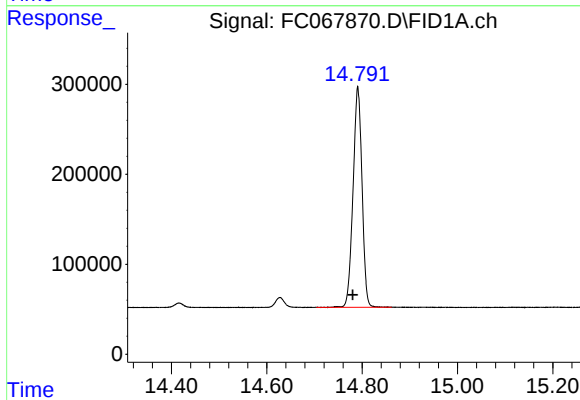
R.T.: 12.936 min
Delta R.T.: 0.010 min
Response: 2834252
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

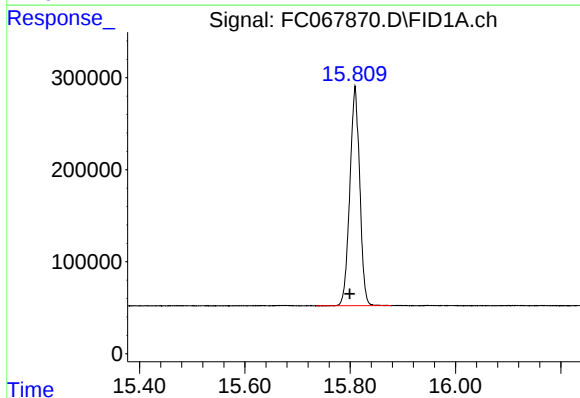
R.T.: 13.690 min
Delta R.T.: 0.011 min
Response: 3234903
Conc: 19.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



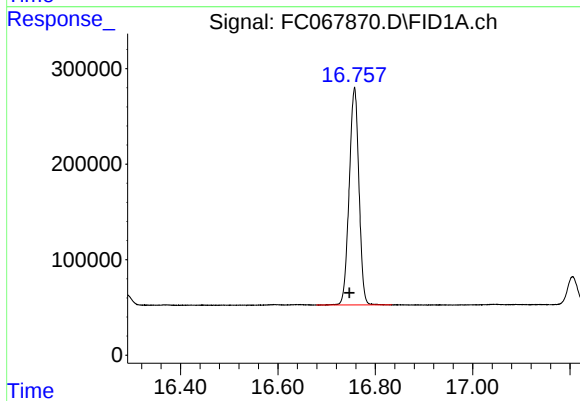
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.011 min
Response: 3190405
Conc: 19.89 ug/ml



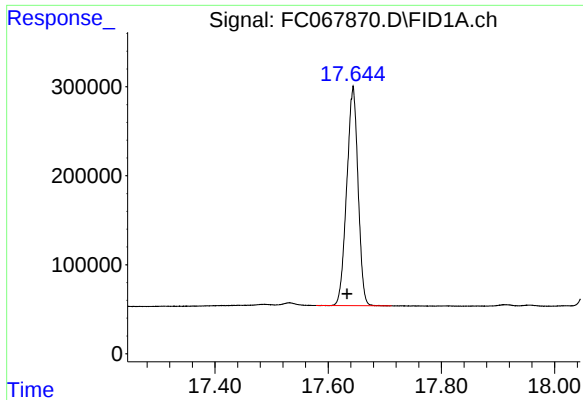
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.010 min
Response: 3110801
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

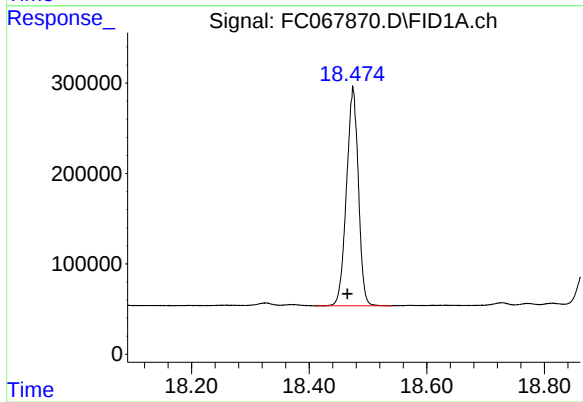
R.T.: 16.757 min
Delta R.T.: 0.010 min
Response: 3164327
Conc: 20.95 ug/ml



#17 n-Tricontane (C30)

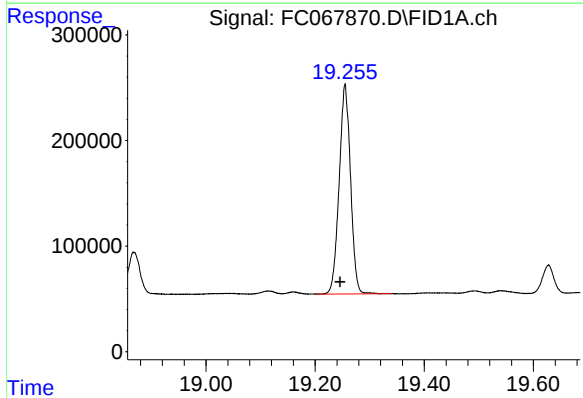
R.T.: 17.644 min
Delta R.T.: 0.010 min
Response: 3418991
Conc: 22.33 ug/ml

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20 PPM ALIPHATIC HC STD



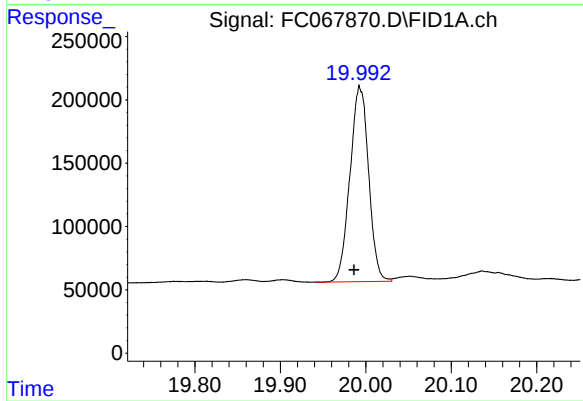
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.010 min
Response: 3385758
Conc: 22.92 ug/ml



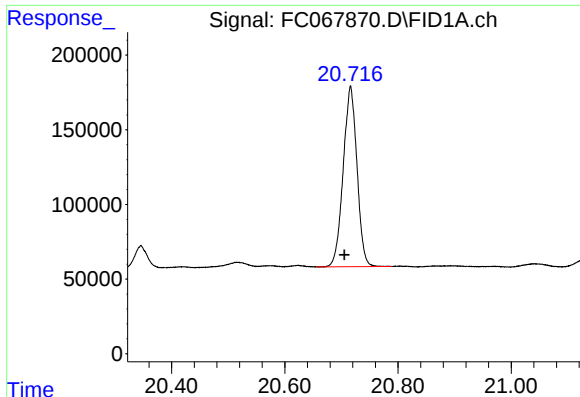
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.009 min
Response: 2874689
Conc: 22.79 ug/ml



#20 n-Hexatriacontane (C36)

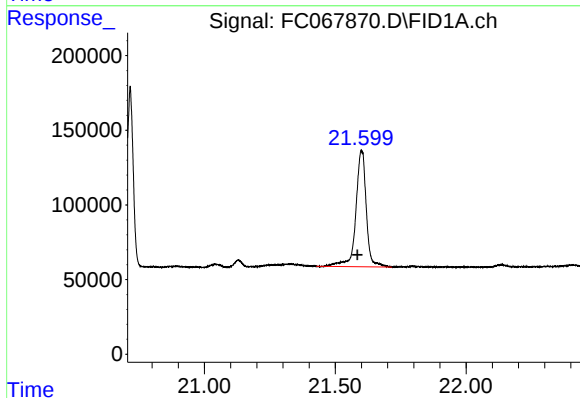
R.T.: 19.993 min
Delta R.T.: 0.007 min
Response: 2340196
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.011 min
Response: 2039797
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.015 min
Response: 2157022
Conc: 22.13 ug/ml