

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069853.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 09:09
 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: Sep 27 06:07:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 2025
 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)	11.659	3931750	20.992 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	13.093	3307664	20.945 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	3.400	2641201	20.603 ug/ml
2) T n-Decane (C10)	4.471	2782142	20.937 ug/ml
3) T A~Naphthalene (C11.7)	6.065	3088201	20.803 ug/ml
4) T n-Dodecane (C12)	6.493	2945354	21.114 ug/ml
5) T A~2-methylnaphthalene...	7.122	3072542	20.811 ug/ml
6) T n-Tetradecane (C14)	8.290	3158371	21.294 ug/ml
7) T n-Hexadecane (C16)	9.893	3523190	21.349 ug/ml
8) T n-Octadecane (C18)	11.337	3798147	21.312 ug/ml
10) T n-Eicosane (C20)	12.647	3813334	21.172 ug/ml
11) T n-Heneicosane (C21)	13.260	3803348	21.093 ug/ml
13) T n-Docosane (C22)	13.847	3847790	21.180 ug/ml
14) T n-Tetracosane (C24)	14.950	3922415	21.317 ug/ml
15) T n-Hexacosane (C26)	15.972	3908811	21.529 ug/ml
16) T n-Octacosane (C28)	16.923	3877373	21.965 ug/ml
17) T n-Tricontane (C30)	17.812	3968525	22.673 ug/ml
18) T n-Dotriacontane (C32)	18.645	3725946	23.030 ug/ml
19) T n-Tetratriacontane (C34)	19.427	3222922	23.062 ug/ml
20) T n-Hexatriacontane (C36)	20.168	2481385	21.979 ug/ml
21) T n-Octatriacontane (C38)	20.927	1991933	20.649 ug/ml
22) T n-Tetracontane (C40)	21.884	1714278	19.904 ug/ml

(f)=RT Delta > 1/2 Window

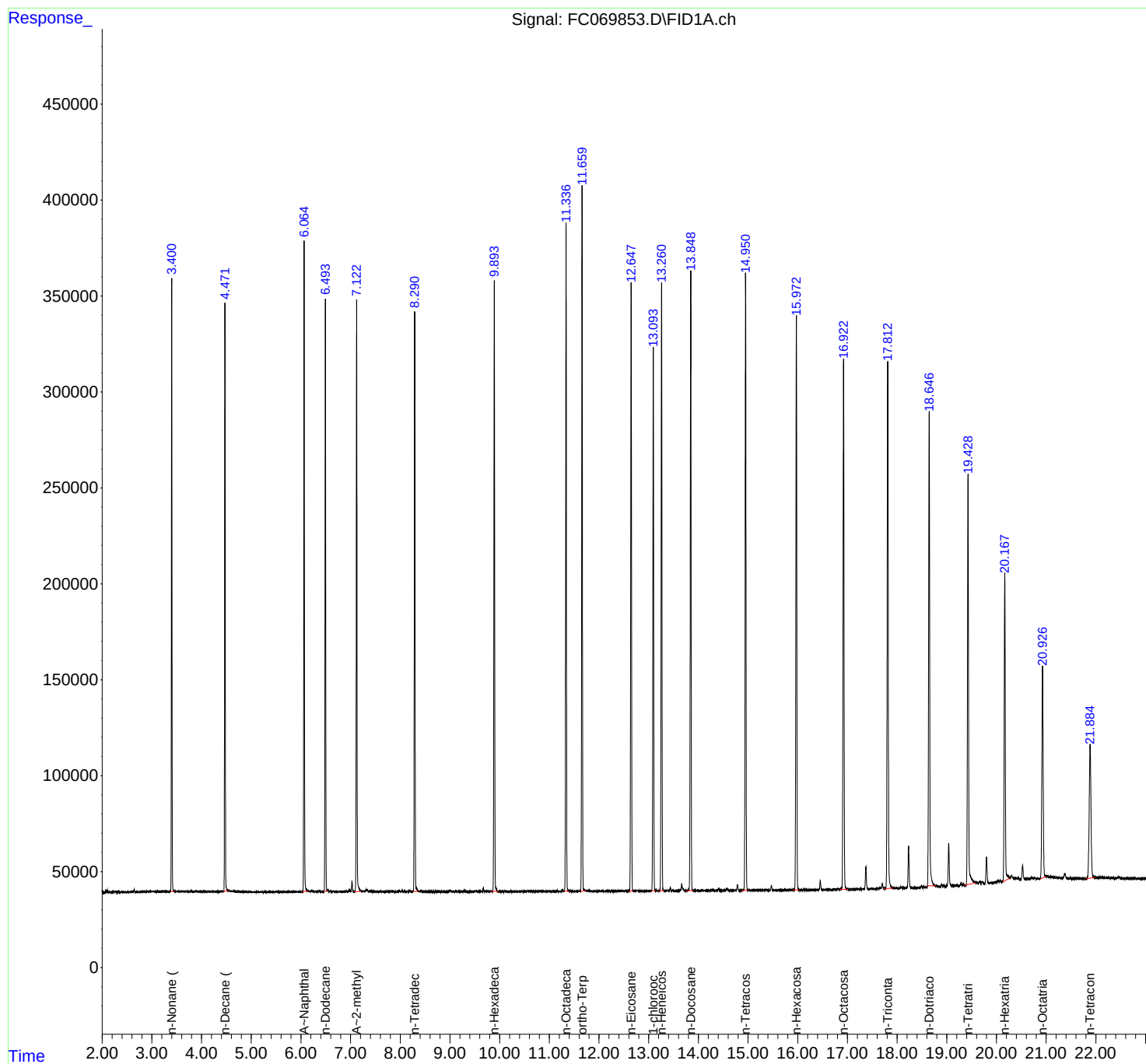
(m)=manual int.

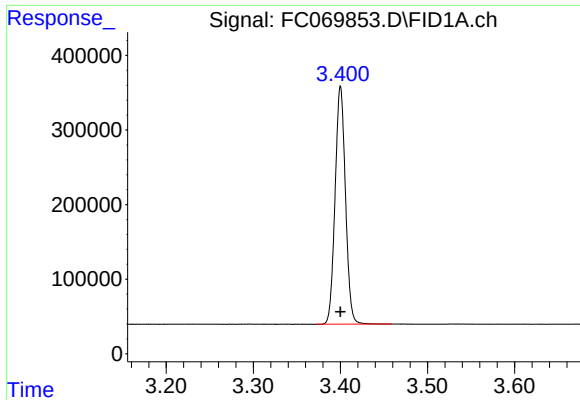
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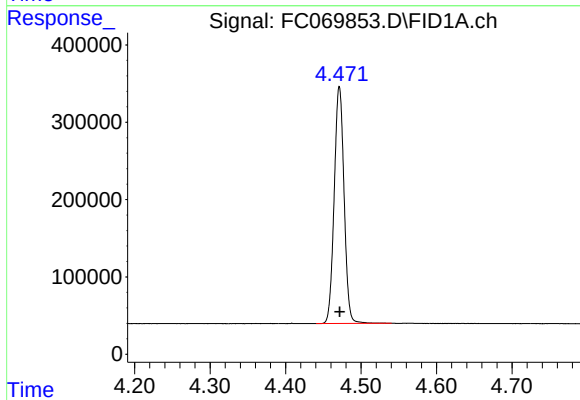




#1 n-Nonane (C9)

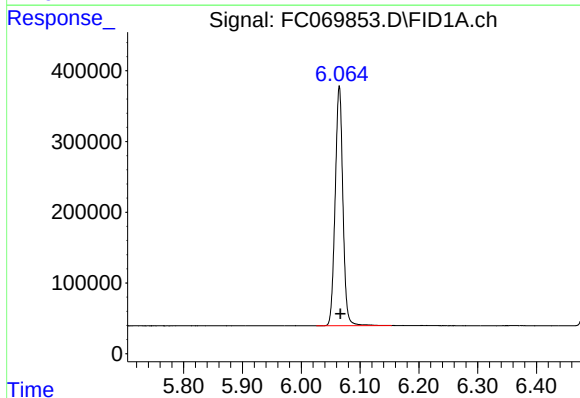
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2641201
Conc: 20.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



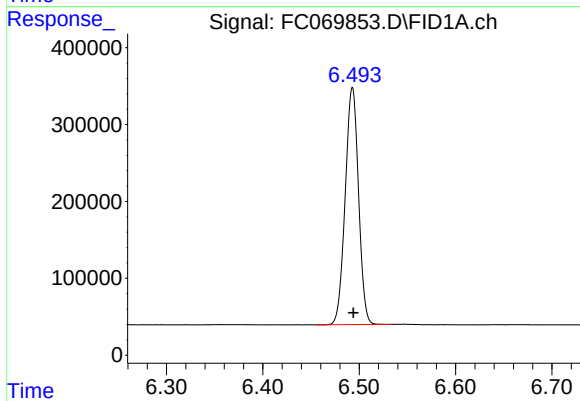
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2782142
Conc: 20.94 ug/ml



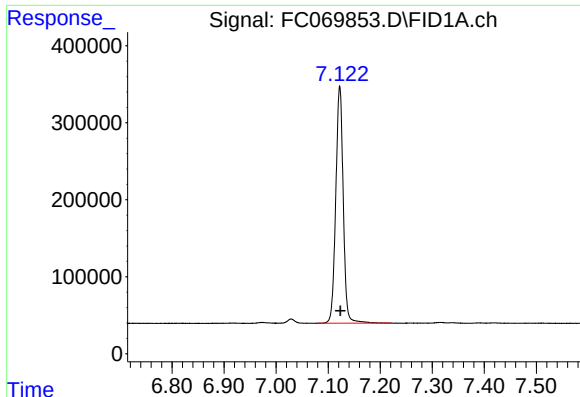
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 3088201
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

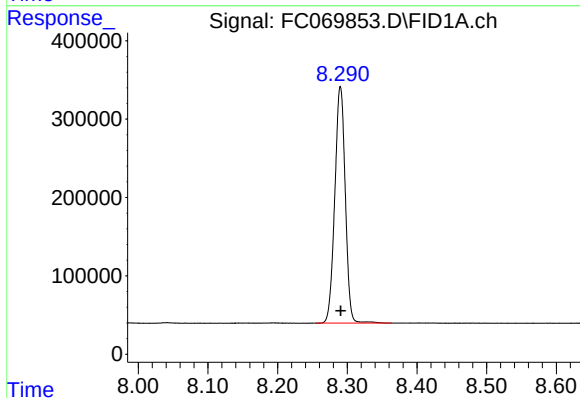
R.T.: 6.493 min
Delta R.T.: -0.001 min
Response: 2945354
Conc: 21.11 ug/ml



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

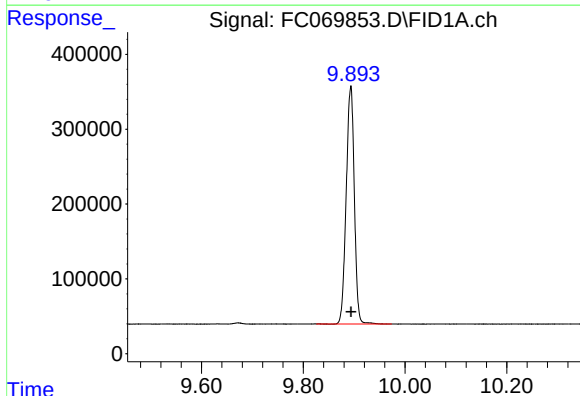
R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 3072542
Conc: 20.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



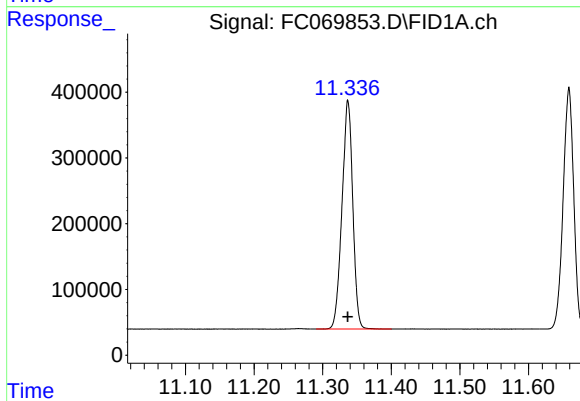
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 3158371
Conc: 21.29 ug/ml



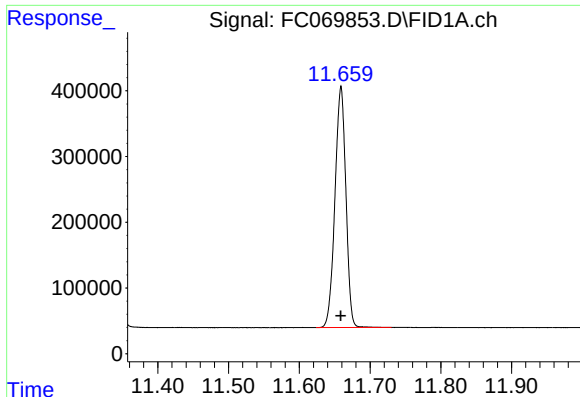
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 3523190
Conc: 21.35 ug/ml



#8 n-Octadecane (C18)

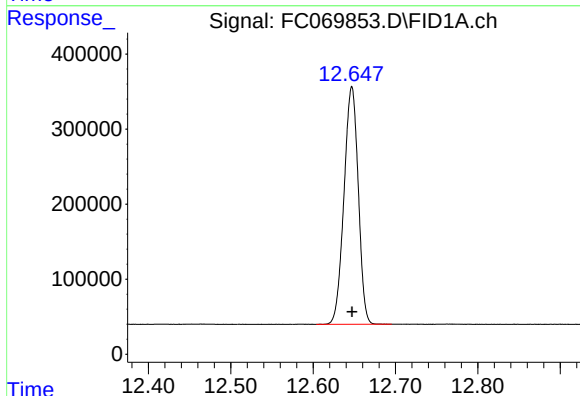
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 3798147
Conc: 21.31 ug/ml



#9 ortho-Terphenyl (SURR)

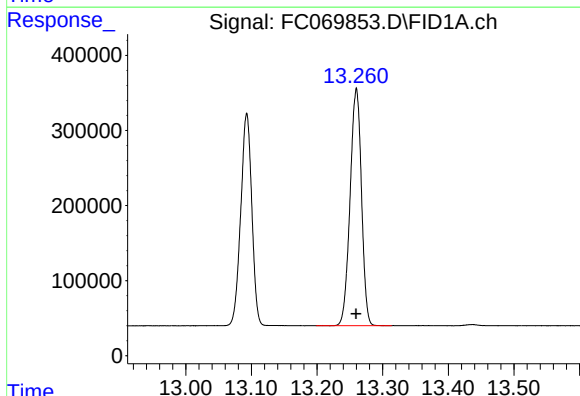
R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 3931750
Conc: 20.99 ug/ml

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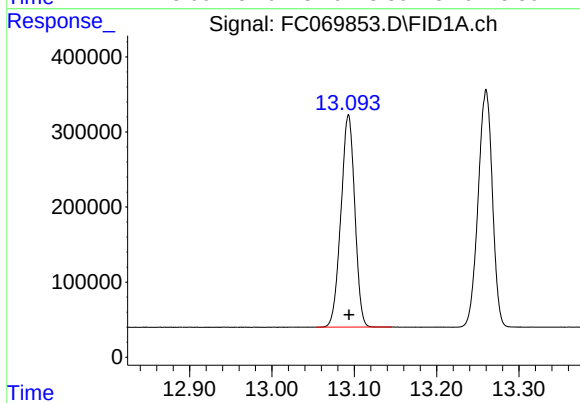
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 3813334
Conc: 21.17 ug/ml



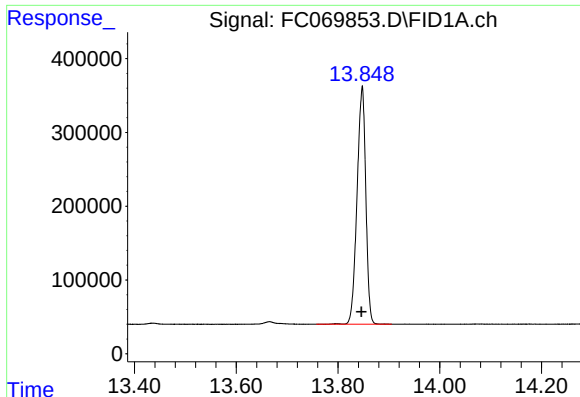
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.000 min
Response: 3803348
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

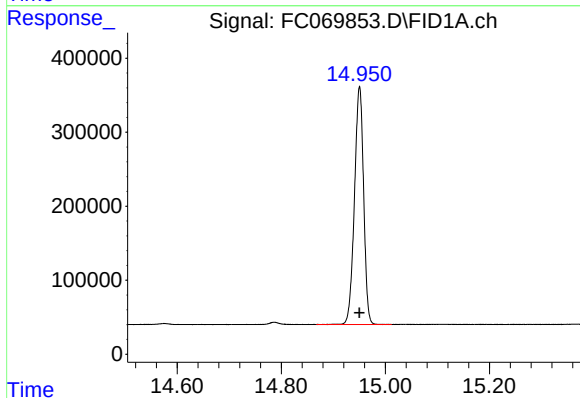
R.T.: 13.093 min
Delta R.T.: 0.000 min
Response: 3307664
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

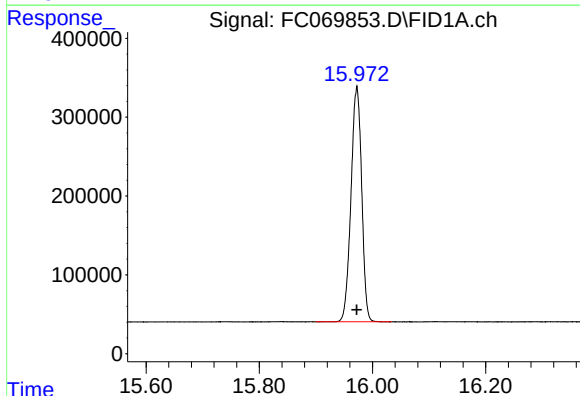
R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 3847790
Conc: 21.18 ug/ml

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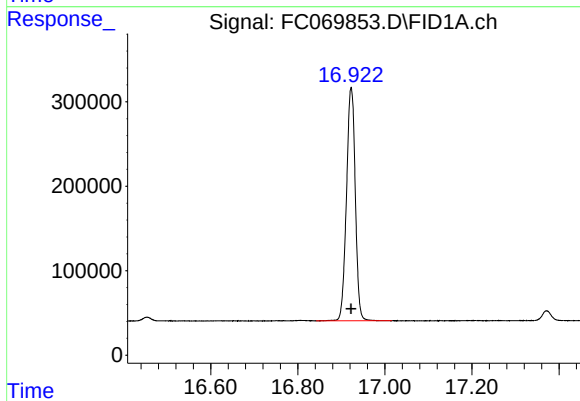
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: 0.000 min
Response: 3922415
Conc: 21.32 ug/ml



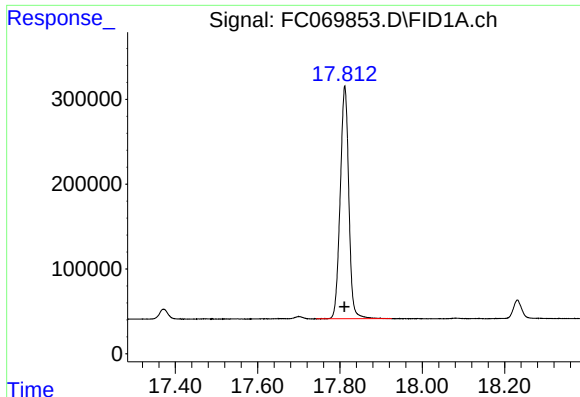
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.000 min
Response: 3908811
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

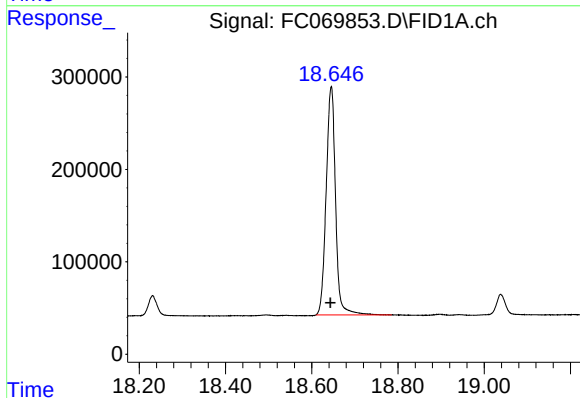
R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 3877373
Conc: 21.96 ug/ml



#17 n-Tricontane (C30)

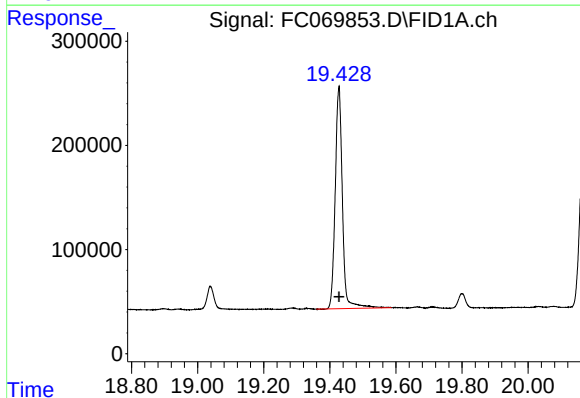
R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 3968525
Conc: 22.67 ug/ml

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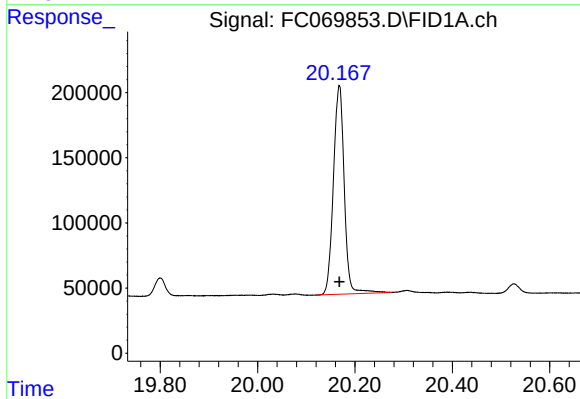
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: 0.001 min
Response: 3725946
Conc: 23.03 ug/ml



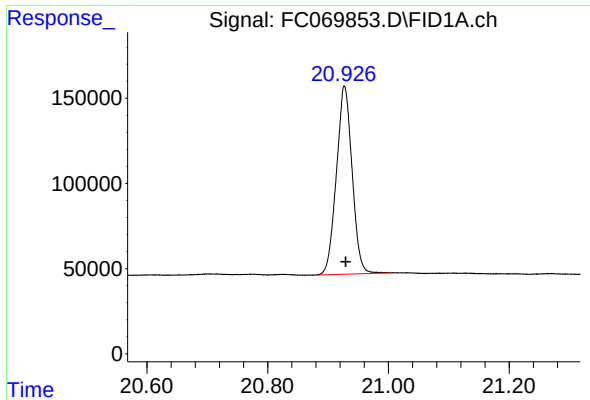
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: 0.000 min
Response: 3222922
Conc: 23.06 ug/ml



#20 n-Hexatriacontane (C36)

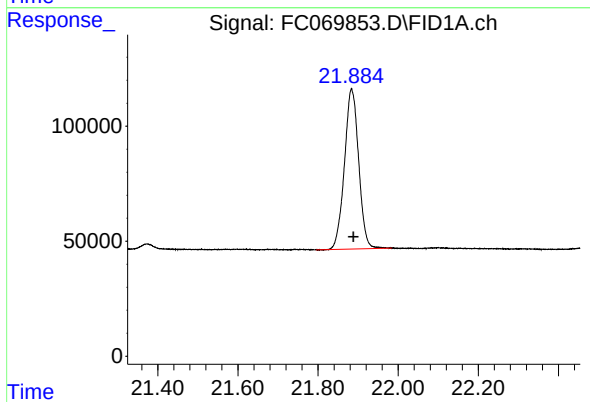
R.T.: 20.168 min
Delta R.T.: 0.000 min
Response: 2481385
Conc: 21.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.002 min
Response: 1991933
Conc: 20.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.004 min
Response: 1714278
Conc: 19.90 ug/ml