

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069844.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 23:54
 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 26 07:23:23 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	3920936	20.934 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
12) S 1-chlorooctadecane (S...	13.094	3268650	20.698 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T n-Nonane (C9)	3.400	2661393	20.761 ug/ml
2) T n-Decane (C10)	4.472	2811288	21.157 ug/ml
3) T A~Naphthalene (C11.7)	6.065	3122889	21.037 ug/ml
4) T n-Dodecane (C12)	6.494	2978242	21.350 ug/ml
5) T A~2-methylnaphthalene...	7.123	3113795	21.090 ug/ml
6) T n-Tetradecane (C14)	8.291	3185831	21.480 ug/ml
7) T n-Hexadecane (C16)	9.894	3528605	21.382 ug/ml
8) T n-Octadecane (C18)	11.338	3777932	21.198 ug/ml
10) T n-Eicosane (C20)	12.647	3766235	20.911 ug/ml
11) T n-Heneicosane (C21)	13.260	3744780	20.768 ug/ml
13) T n-Docosane (C22)	13.847	3762547	20.710 ug/ml
14) T n-Tetracosane (C24)	14.951	3781713	20.552 ug/ml
15) T n-Hexacosane (C26)	15.974	3711277	20.441 ug/ml
16) T n-Octacosane (C28)	16.924	3636696	20.601 ug/ml
17) T n-Tricontane (C30)	17.813	3716062	21.231 ug/ml
18) T n-Dotriacontane (C32)	18.645	3520490	21.760 ug/ml
19) T n-Tetratriacontane (C34)	19.429	3060193	21.897 ug/ml
20) T n-Hexatriacontane (C36)	20.169	2408175	21.330 ug/ml
21) T n-Octatriacontane (C38)	20.930	1973173	20.454 ug/ml
22) T n-Tetracontane (C40)	21.887	1734298	20.136 ug/ml

(f)=RT Delta > 1/2 Window

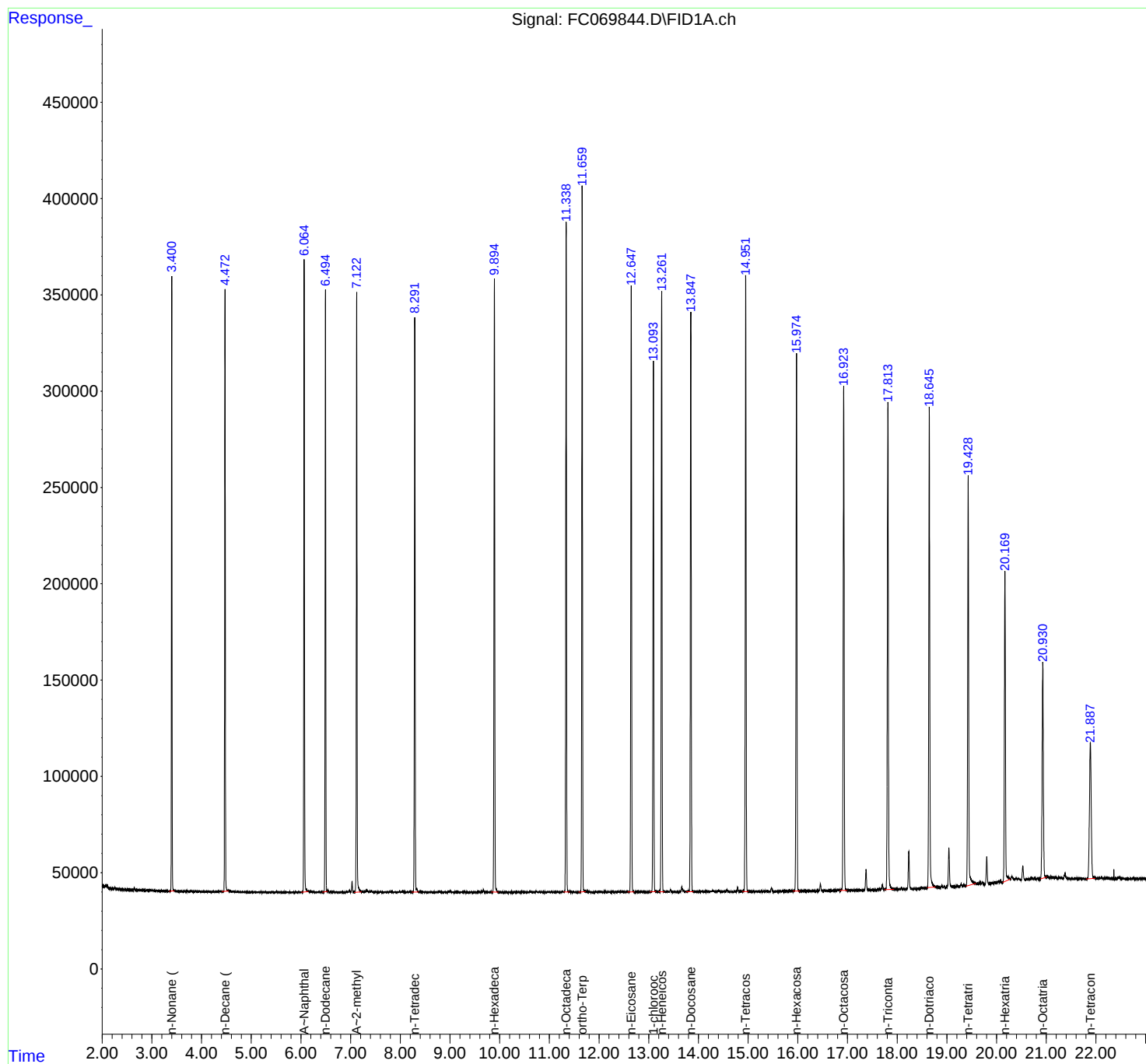
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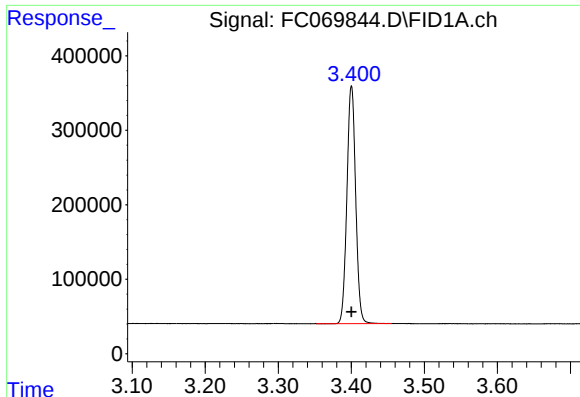
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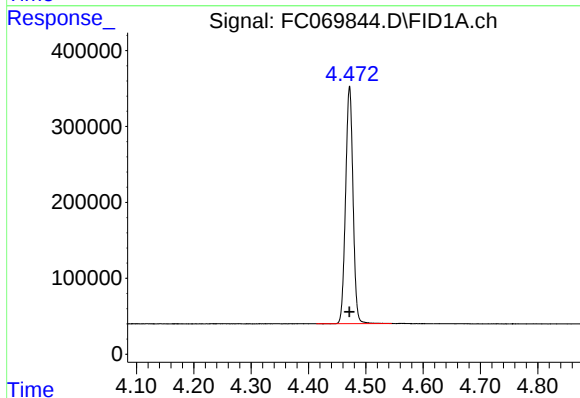




#1 n-Nonane (C9)

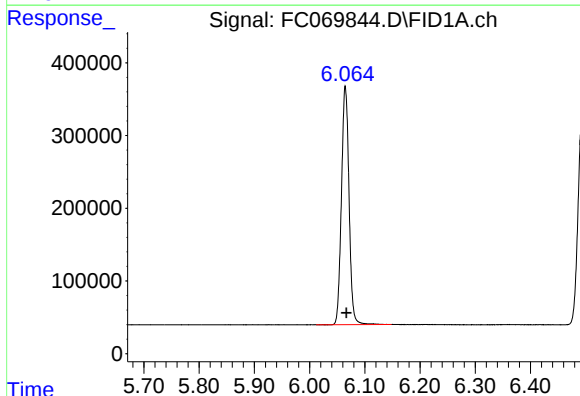
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2661393
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



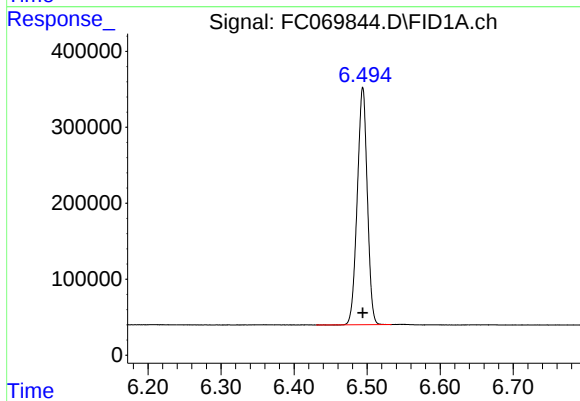
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2811288
Conc: 21.16 ug/ml



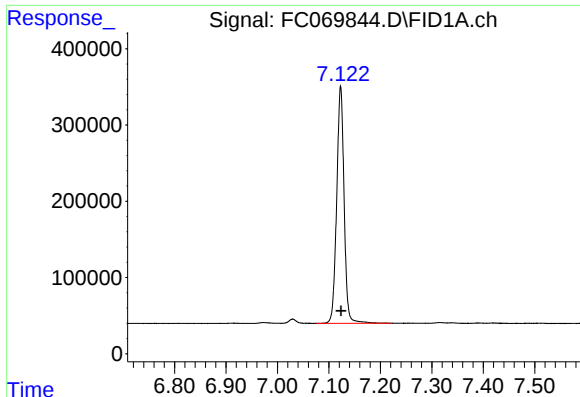
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 3122889
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

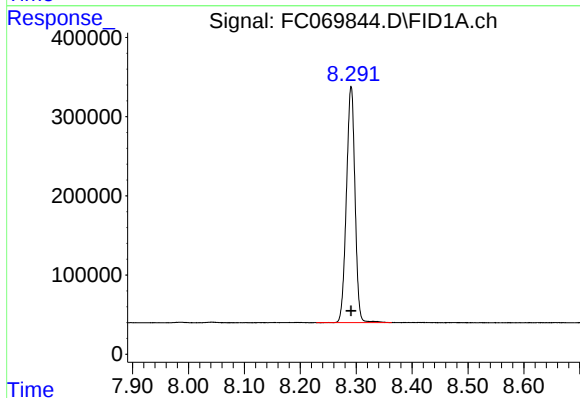
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 2978242
Conc: 21.35 ug/ml



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

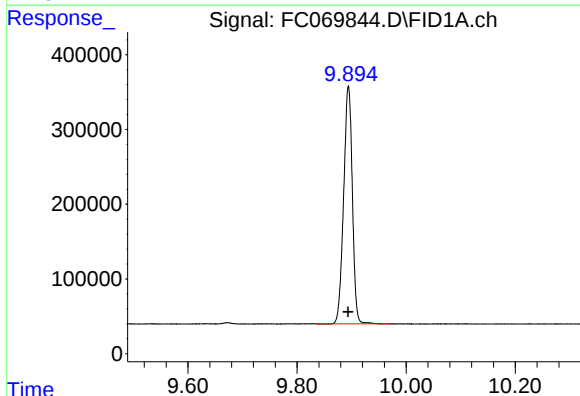
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 3113795
Conc: 21.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



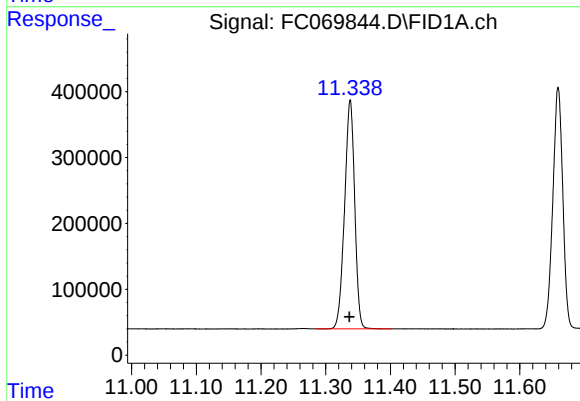
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 3185831
Conc: 21.48 ug/ml



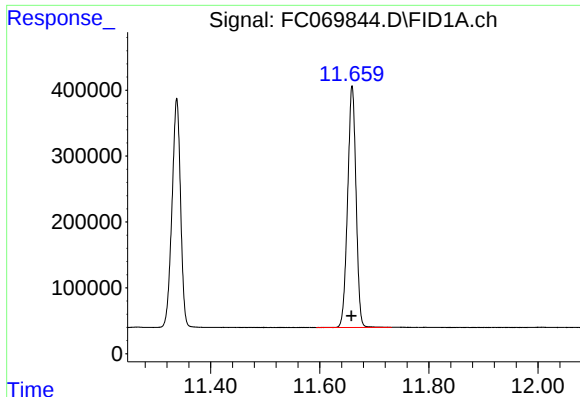
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 3528605
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

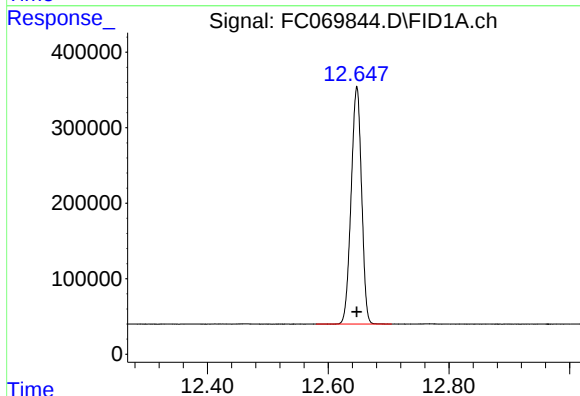
R.T.: 11.338 min
Delta R.T.: 0.001 min
Response: 3777932
Conc: 21.20 ug/ml



#9 ortho-Terphenyl (SURR)

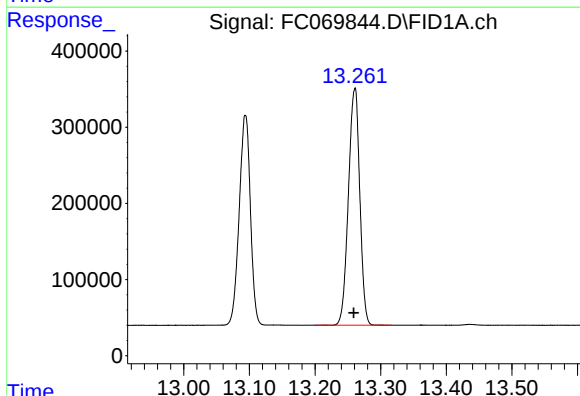
R.T.: 11.659 min
Delta R.T.: 0.001 min
Response: 3920936
Conc: 20.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



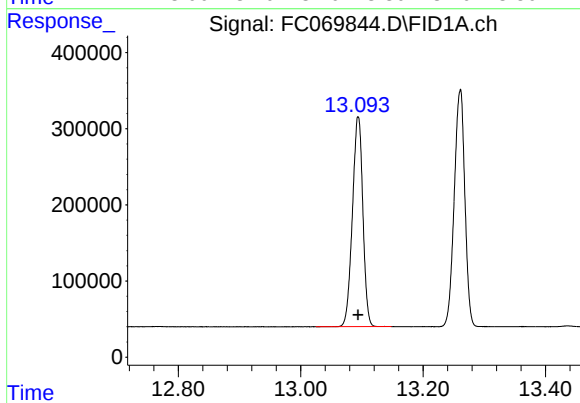
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 3766235
Conc: 20.91 ug/ml



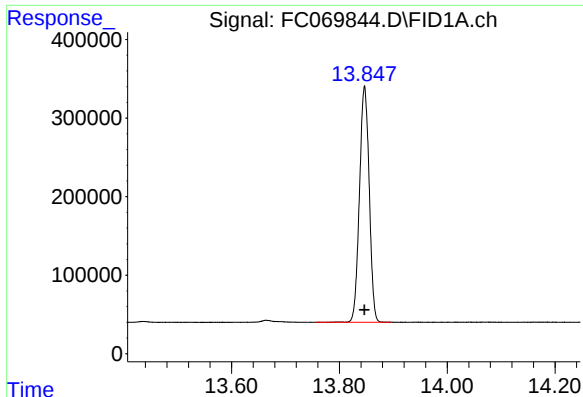
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.001 min
Response: 3744780
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

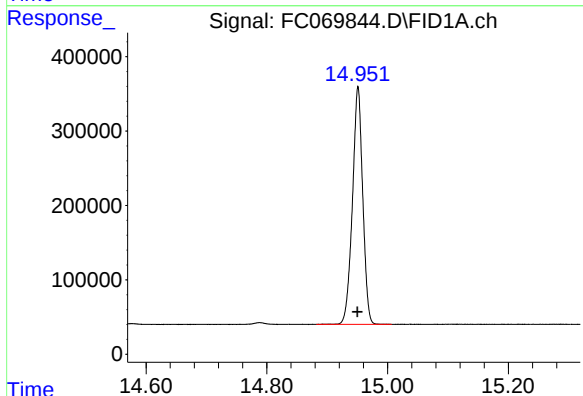
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 3268650
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

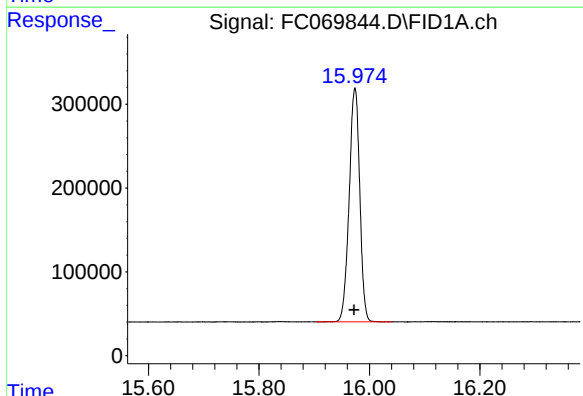
R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 3762547
Conc: 20.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



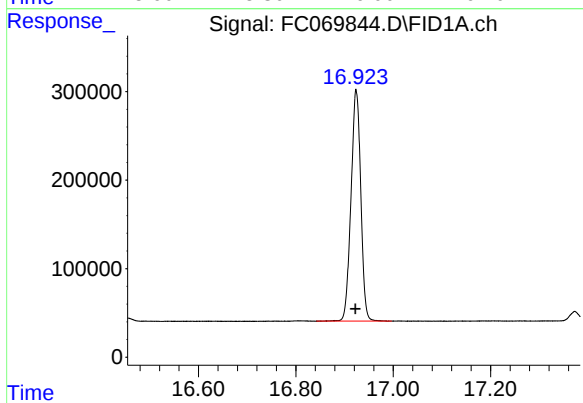
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 3781713
Conc: 20.55 ug/ml



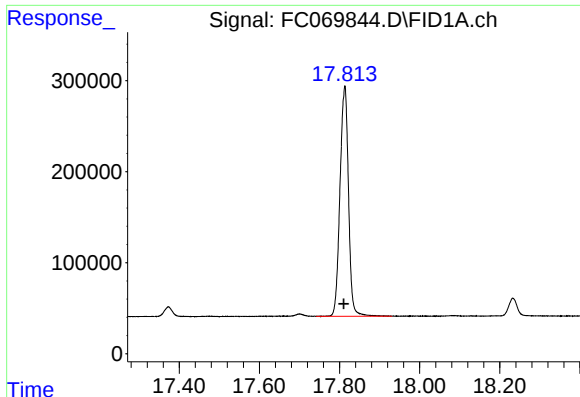
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: 0.001 min
Response: 3711277
Conc: 20.44 ug/ml



#16 n-Octacosane (C28)

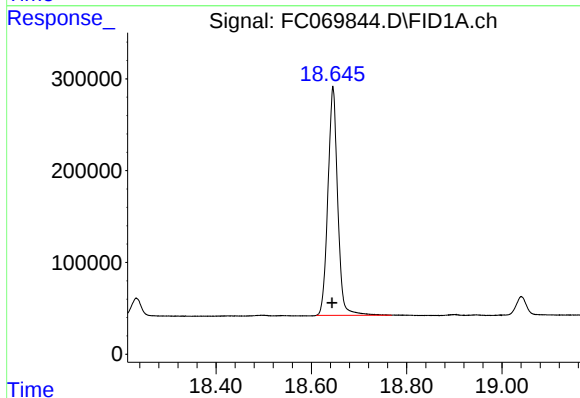
R.T.: 16.924 min
Delta R.T.: 0.002 min
Response: 3636696
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

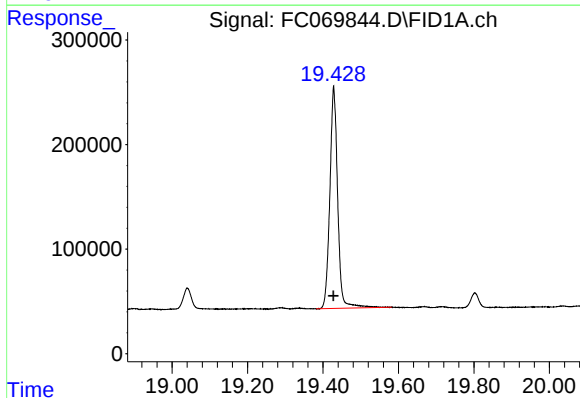
R.T.: 17.813 min
Delta R.T.: 0.002 min
Response: 3716062
Conc: 21.23 ug/ml

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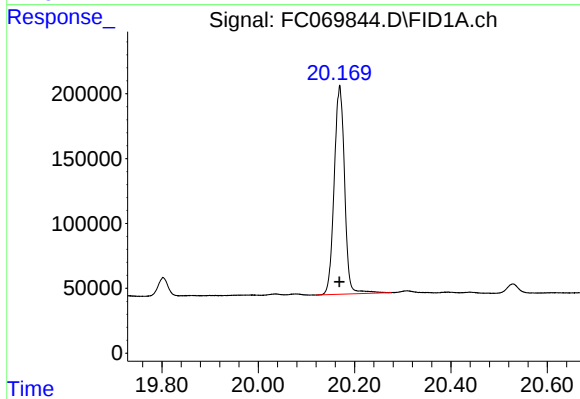
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: 0.002 min
Response: 3520490
Conc: 21.76 ug/ml



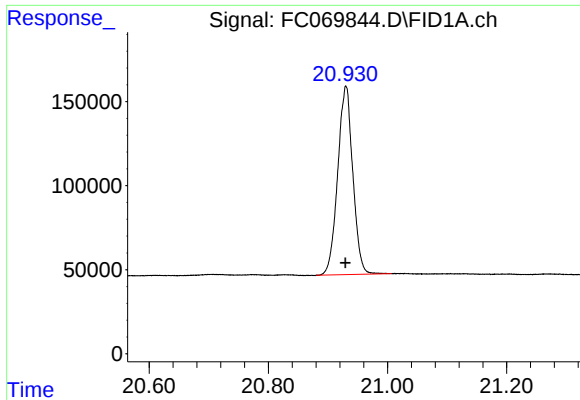
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.000 min
Response: 3060193
Conc: 21.90 ug/ml



#20 n-Hexatriacontane (C36)

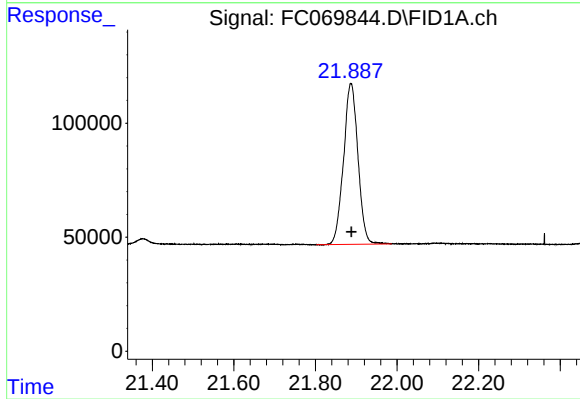
R.T.: 20.169 min
Delta R.T.: 0.000 min
Response: 2408175
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: 0.000 min
Response: 1973173
Conc: 20.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.887 min
Delta R.T.: 0.000 min
Response: 1734298
Conc: 20.14 ug/ml