

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
 Data File : FC069140.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 21:01
 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: Jun 10 05:25:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.676	2431970	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	13.113	1660373	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.400	2118973	19.967 ug/ml
2) T n-Decane (C10)	4.476	2128901	20.102 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2333208	20.177 ug/ml
4) T n-Dodecane (C12)	6.503	2077210	19.760 ug/ml
5) T A~2-methylnaphthalene...	7.131	2269381	20.017 ug/ml
6) T n-Tetradecane (C14)	8.303	1986255	19.377 ug/ml
7) T n-Hexadecane (C16)	9.909	1923501	18.957 ug/ml
8) T n-Octadecane (C18)	11.353	1837552	18.386 ug/ml
10) T n-Eicosane (C20)	12.666	1815390	18.639 ug/ml
11) T n-Heneicosane (C21)	13.280	1797872	18.679 ug/ml
13) T n-Docosane (C22)	13.868	1795293	18.844 ug/ml
14) T n-Tetracosane (C24)	14.973	1800717	19.125 ug/ml
15) T n-Hexacosane (C26)	15.997	1816313	19.564 ug/ml
16) T n-Octacosane (C28)	16.949	1905920	20.504 ug/ml
17) T n-Tricontane (C30)	17.838	2090844	21.609 ug/ml
18) T n-Dotriacontane (C32)	18.674	2185757	22.057 ug/ml
19) T n-Tetratriacontane (C34)	19.458	2028116	21.043 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1862195	19.617 ug/ml
21) T n-Octatriacontane (C38)	20.969	1589901	17.426 ug/ml
22) T n-Tetracontane (C40)	21.937	1239994	14.053 ug/ml

(f)=RT Delta > 1/2 Window

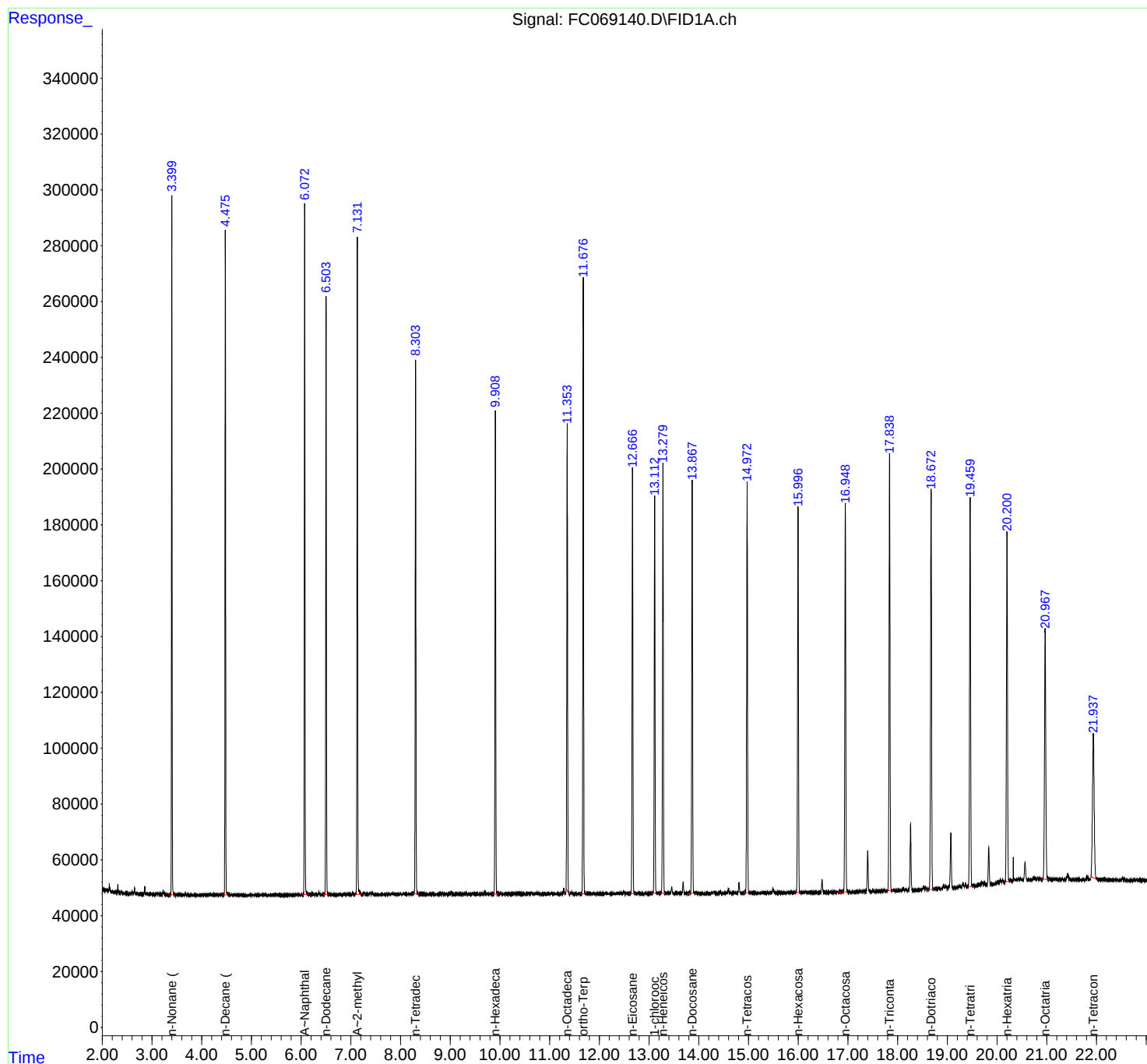
(m)=manual int.

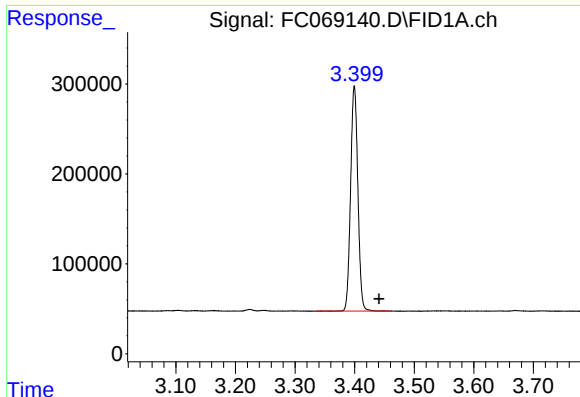
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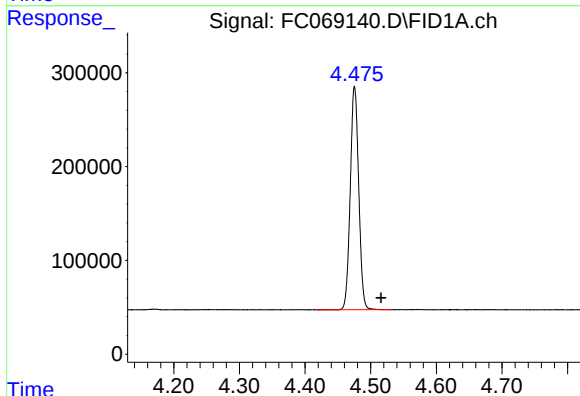




#1 n-Nonane (C9)

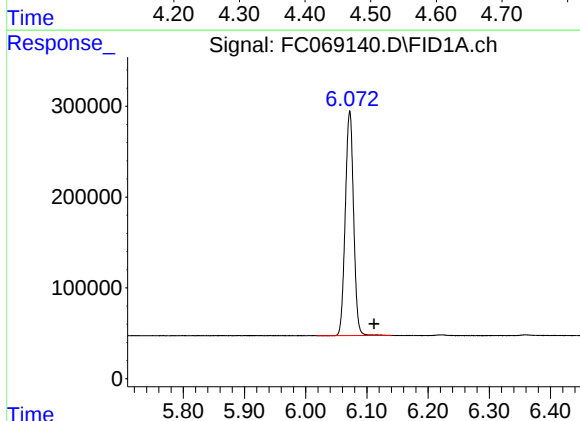
R.T.: 3.400 min
Delta R.T.: -0.041 min
Response: 2118973
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



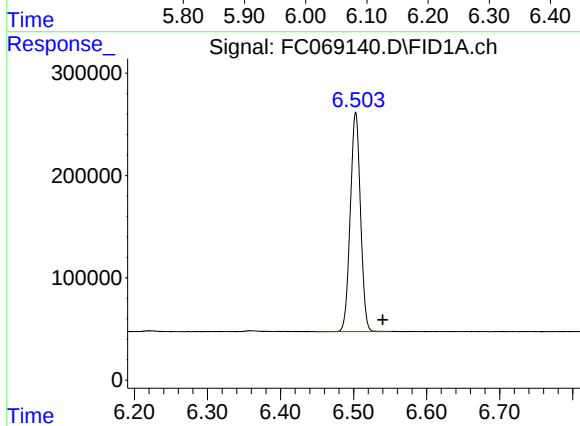
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.040 min
Response: 2128901
Conc: 20.10 ug/ml



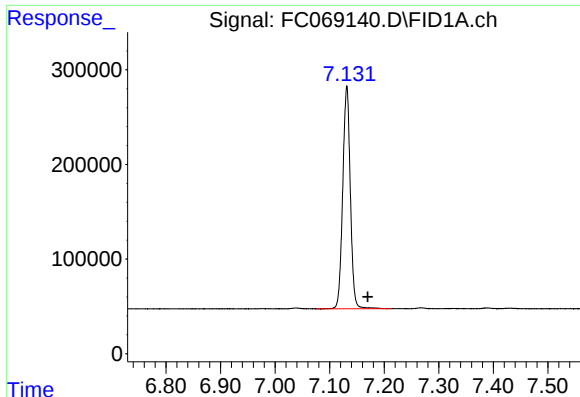
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.040 min
Response: 2333208
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

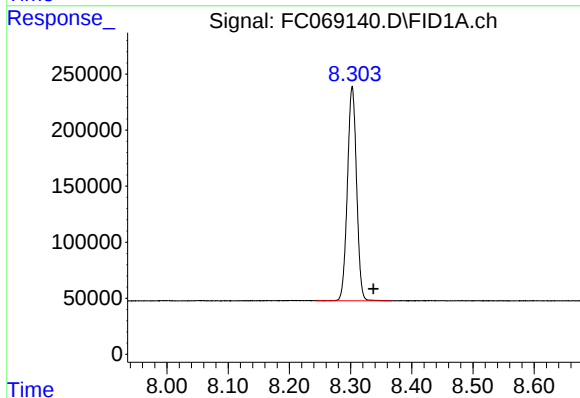
R.T.: 6.503 min
Delta R.T.: -0.037 min
Response: 2077210
Conc: 19.76 ug/ml



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

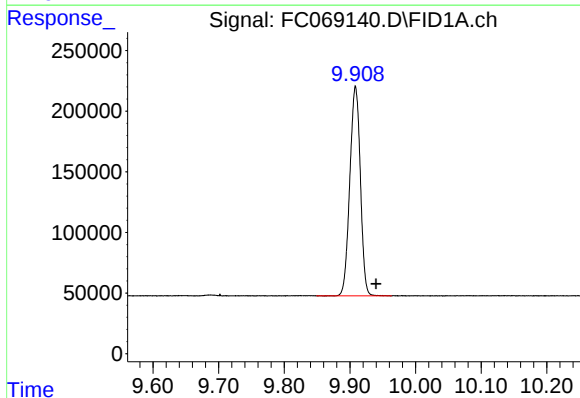
R.T.: 7.131 min
Delta R.T.: -0.038 min
Response: 2269381
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



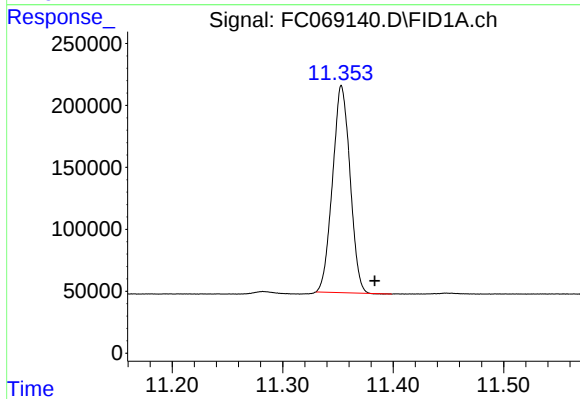
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.034 min
Response: 1986255
Conc: 19.38 ug/ml



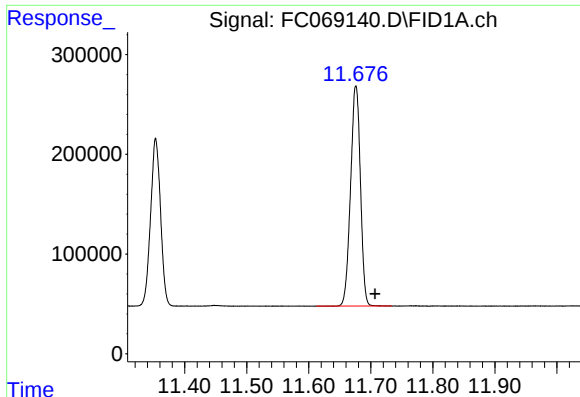
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.031 min
Response: 1923501
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

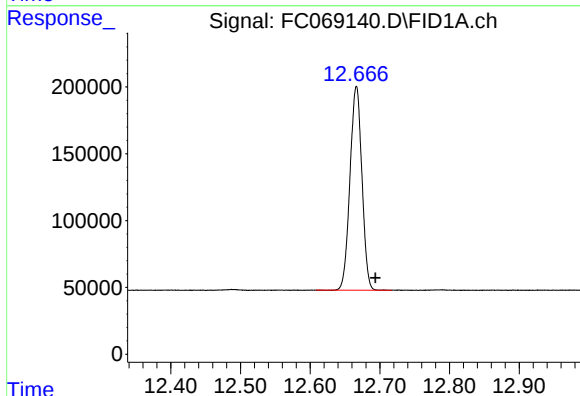
R.T.: 11.353 min
Delta R.T.: -0.030 min
Response: 1837552
Conc: 18.39 ug/ml



#9 ortho-Terphenyl (SURR)

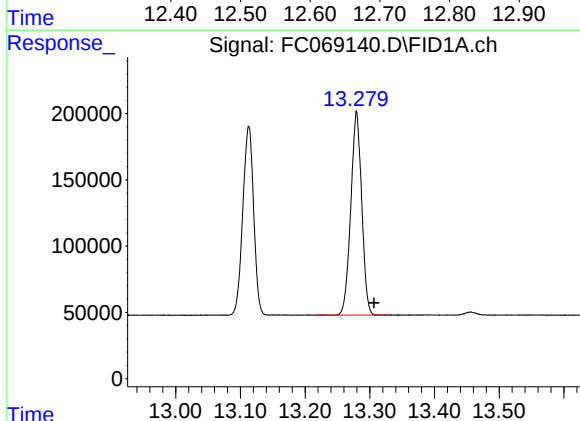
R.T.: 11.676 min
Delta R.T.: -0.031 min
Response: 2431970
Conc: 19.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



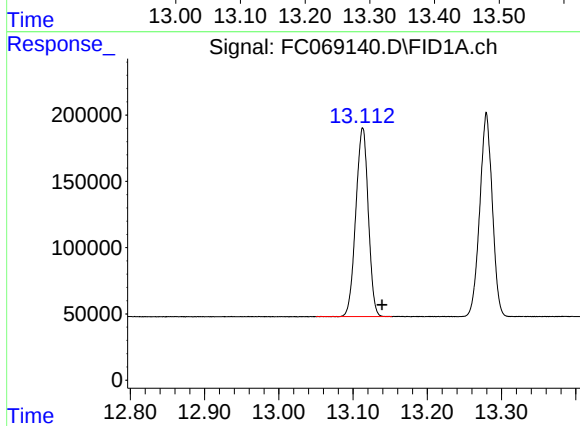
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.027 min
Response: 1815390
Conc: 18.64 ug/ml



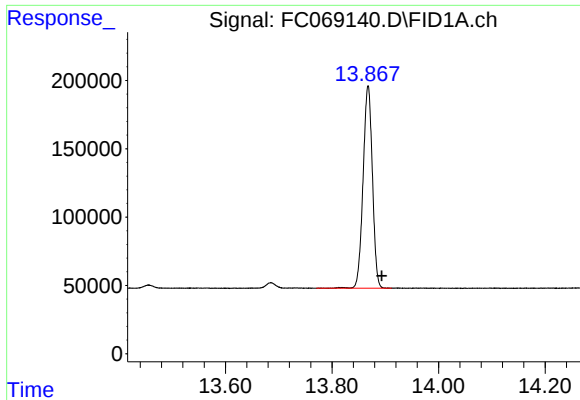
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.027 min
Response: 1797872
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

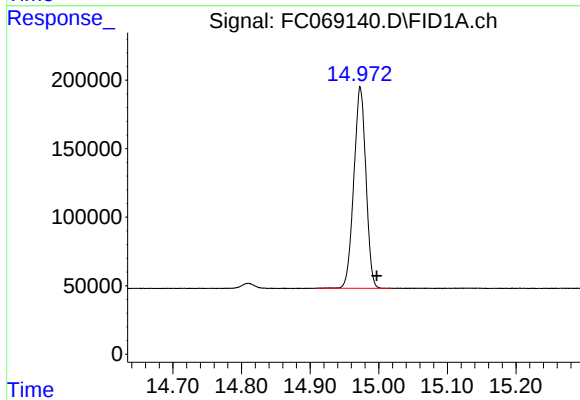
R.T.: 13.113 min
Delta R.T.: -0.026 min
Response: 1660373
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

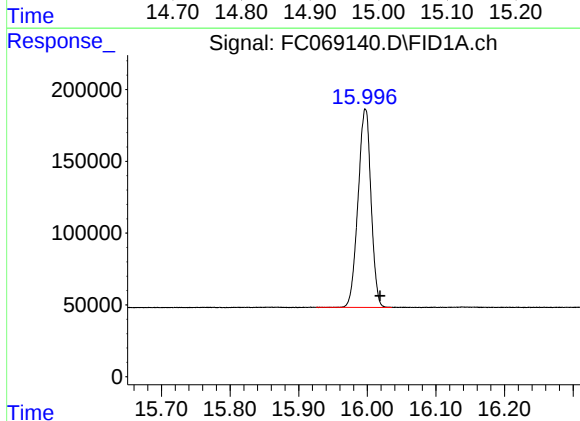
R.T.: 13.868 min
Delta R.T.: -0.026 min
Response: 1795293
Conc: 18.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



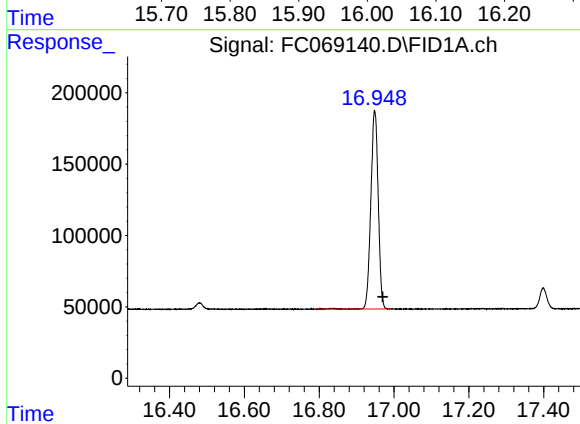
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: -0.024 min
Response: 1800717
Conc: 19.13 ug/ml



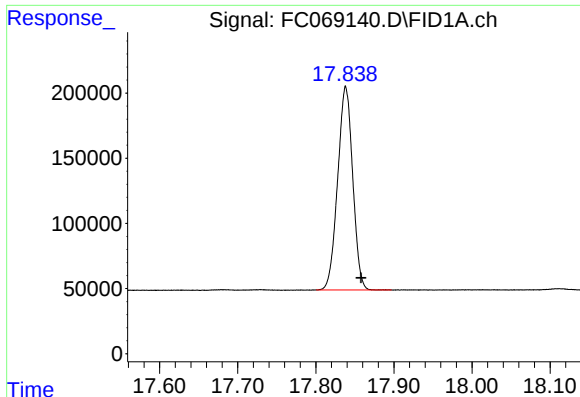
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: -0.022 min
Response: 1816313
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

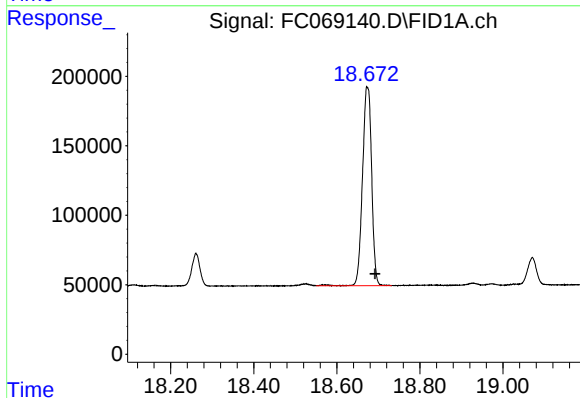
R.T.: 16.949 min
Delta R.T.: -0.021 min
Response: 1905920
Conc: 20.50 ug/ml



#17 n-Tricontane (C30)

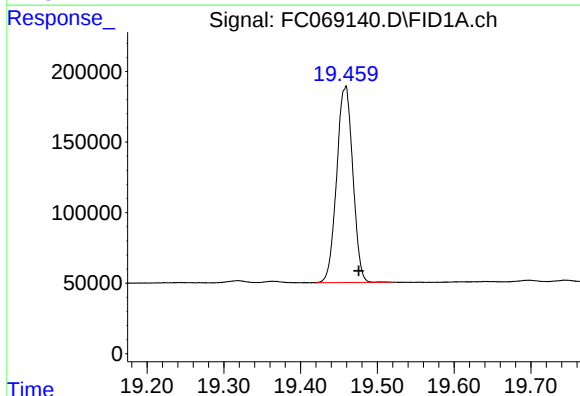
R.T.: 17.838 min
Delta R.T.: -0.019 min
Response: 2090844
Conc: 21.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



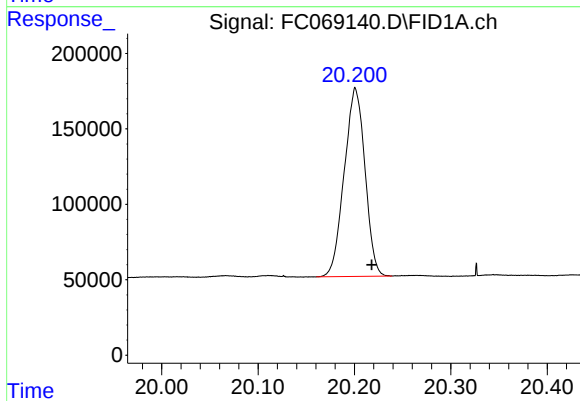
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.018 min
Response: 2185757
Conc: 22.06 ug/ml



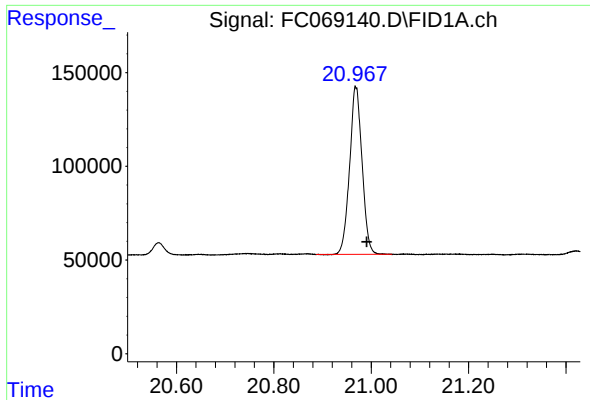
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: -0.018 min
Response: 2028116
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

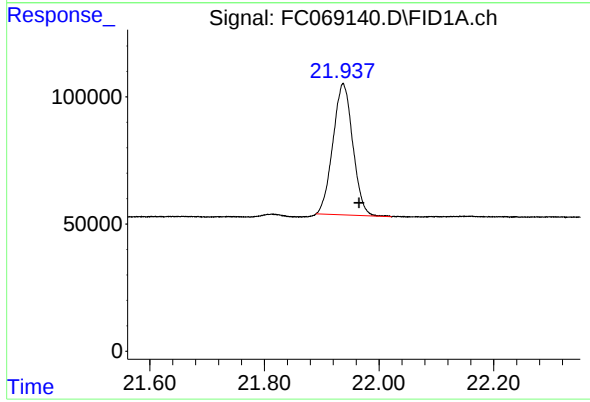
R.T.: 20.201 min
Delta R.T.: -0.017 min
Response: 1862195
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: -0.022 min
Response: 1589901
Conc: 17.43 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.028 min
Response: 1239994
Conc: 14.05 ug/ml