

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061925AL\
 Data File : FC069231.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2025 13:00
 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 20 01:08:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.680	3426919	19.836 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	13.116	2598026	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.406	2746065	19.309 ug/ml
2) T n-Decane (C10)	4.479	2833463	19.355 ug/ml
3) T A~Naphthalene (C11.7)	6.075	3122588	19.408 ug/ml
4) T n-Dodecane (C12)	6.506	2951187	19.489 ug/ml
5) T A~2-methylnaphthalene...	7.135	3080423	19.466 ug/ml
6) T n-Tetradecane (C14)	8.307	3059964	19.741 ug/ml
7) T n-Hexadecane (C16)	9.912	3241419	19.835 ug/ml
8) T n-Octadecane (C18)	11.358	3250837	19.911 ug/ml
10) T n-Eicosane (C20)	12.670	3047692	19.967 ug/ml
11) T n-Heneicosane (C21)	13.283	2942233	19.962 ug/ml
13) T n-Docosane (C22)	13.871	2863332	19.900 ug/ml
14) T n-Tetracosane (C24)	14.976	2739709	19.863 ug/ml
15) T n-Hexacosane (C26)	15.999	2583966	19.767 ug/ml
16) T n-Octacosane (C28)	16.951	2434524	19.740 ug/ml
17) T n-Tricontane (C30)	17.841	2351527	19.780 ug/ml
18) T n-Dotriacontane (C32)	18.675	2163725	19.789 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1911711	19.797 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1625835	19.728 ug/ml
21) T n-Octatriacontane (C38)	20.973	1470193	19.673 ug/ml
22) T n-Tetracontane (C40)	21.943	1387436	19.592 ug/ml

(f)=RT Delta > 1/2 Window

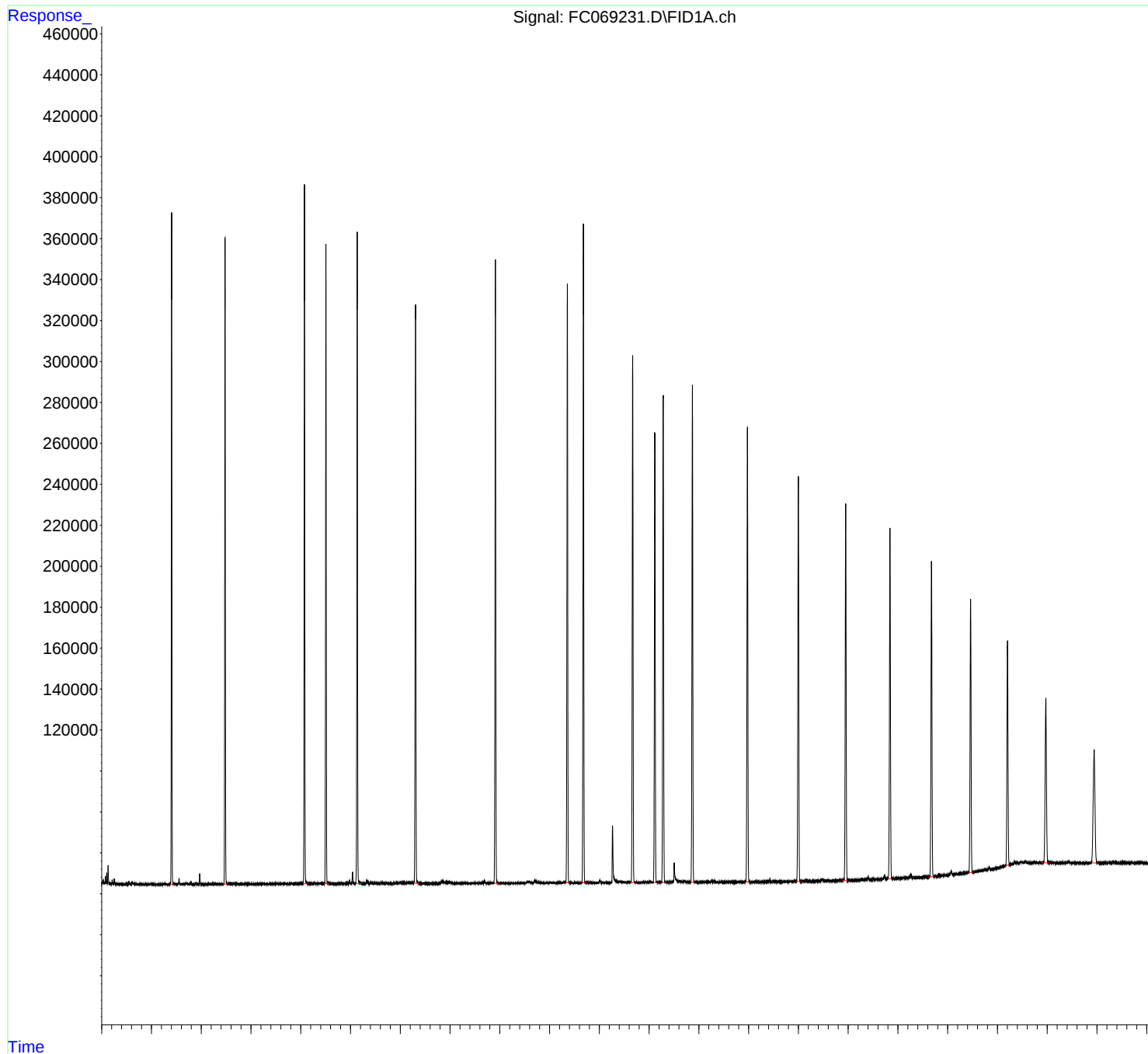
(m)=manual int.

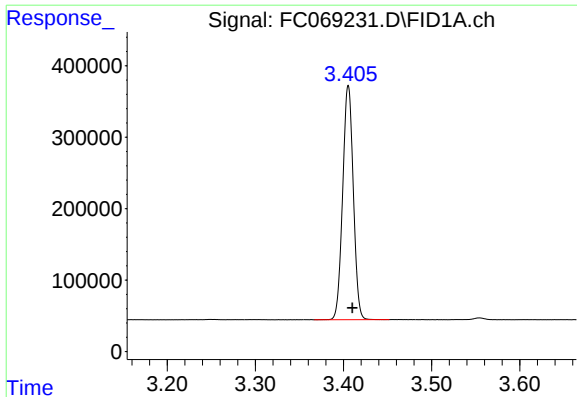
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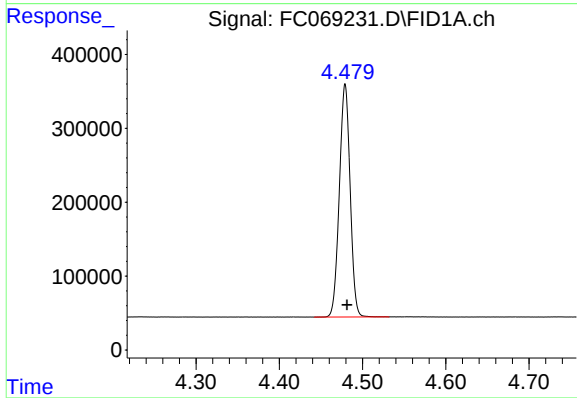




#1 n-Nonane (C9)

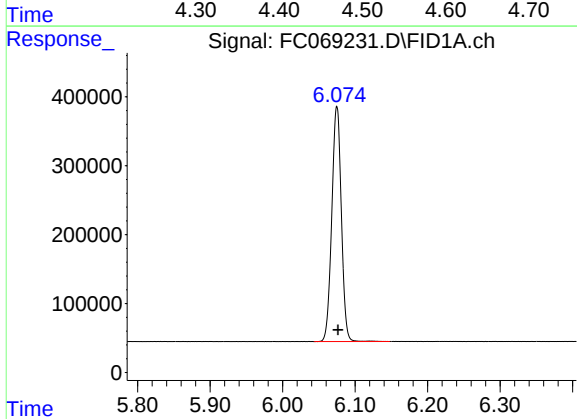
R.T.: 3.406 min
Delta R.T.: -0.004 min
Response: 2746065
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



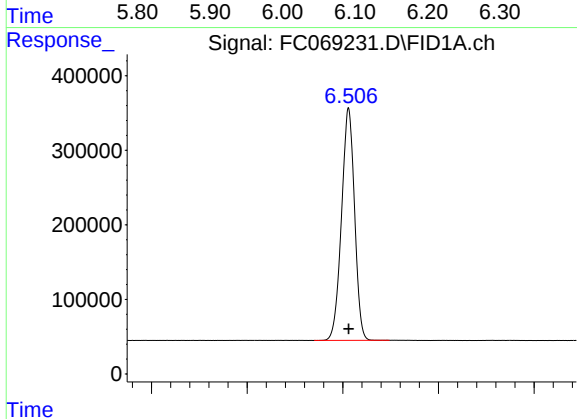
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 2833463
Conc: 19.35 ug/ml



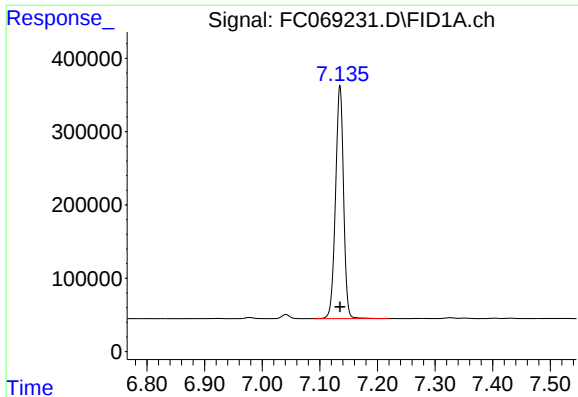
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 3122588
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

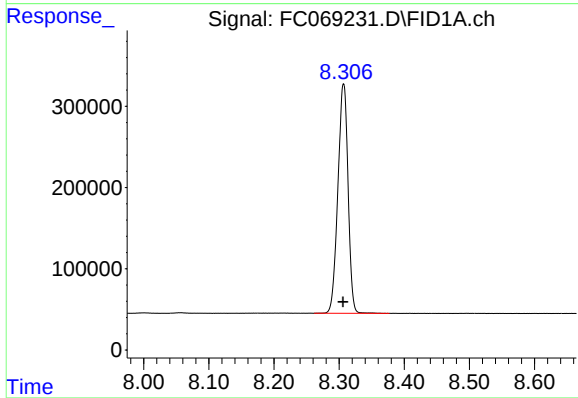
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 2951187
Conc: 19.49 ug/ml



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

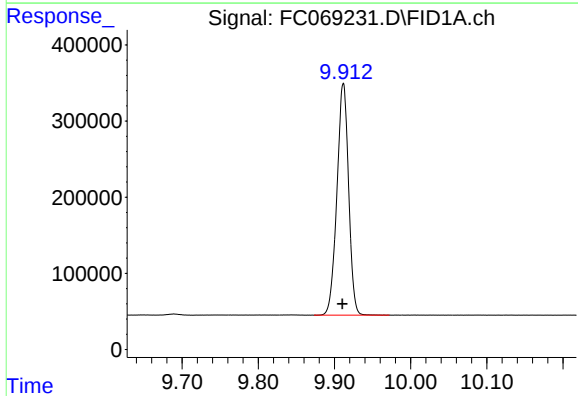
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 3080423
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



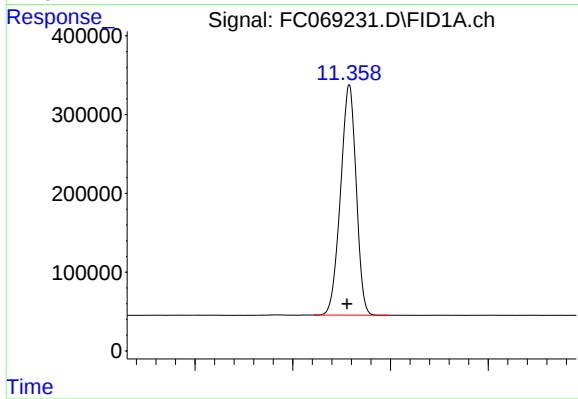
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 3059964
Conc: 19.74 ug/ml



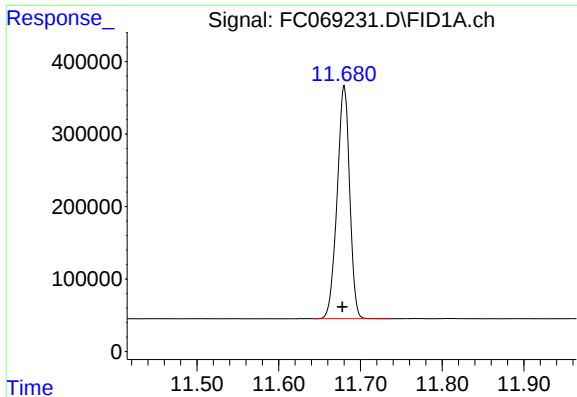
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.001 min
Response: 3241419
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

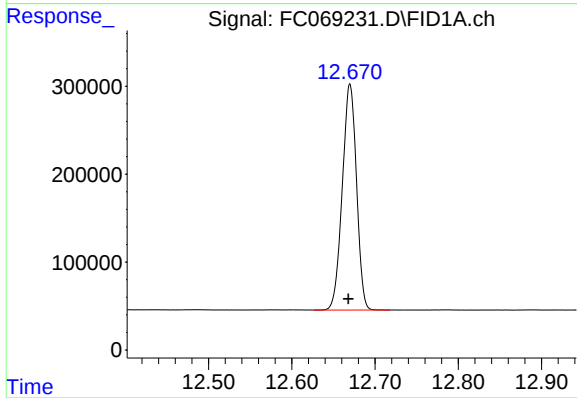
R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 3250837
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

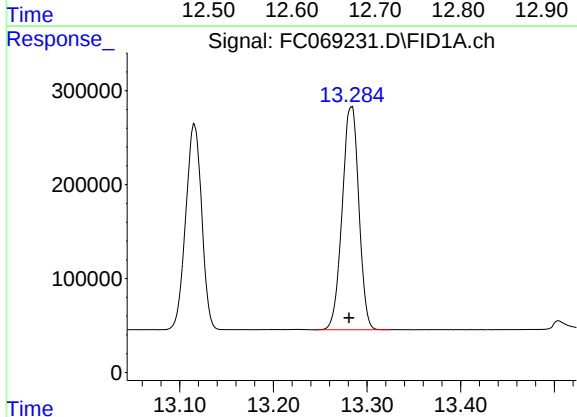
R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 3426919
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



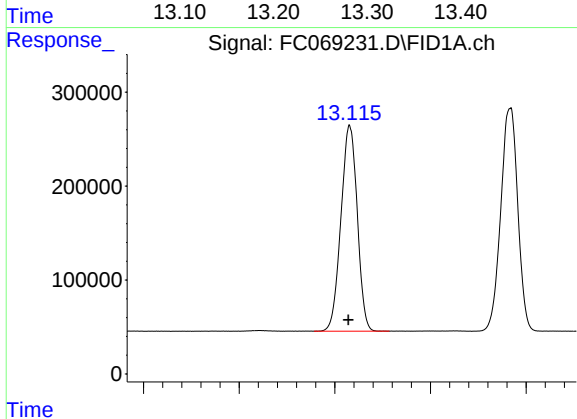
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 3047692
Conc: 19.97 ug/ml



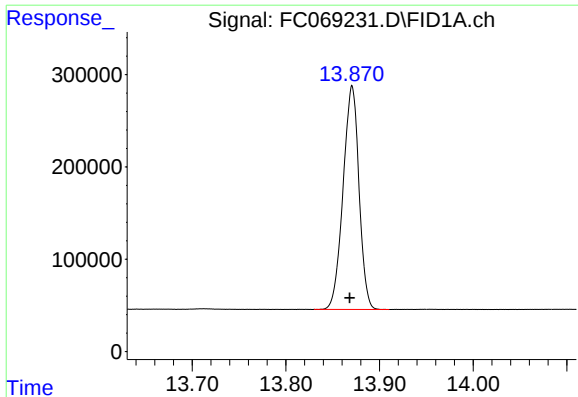
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.002 min
Response: 2942233
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

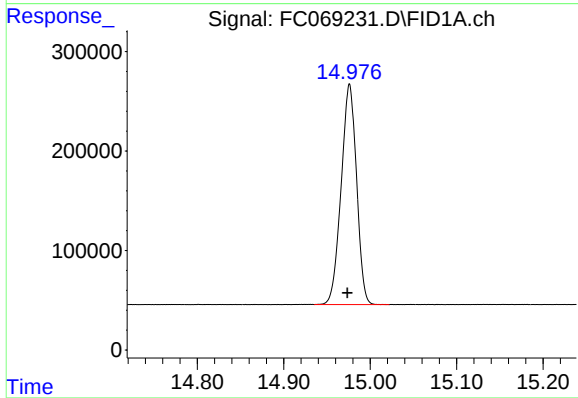
R.T.: 13.116 min
Delta R.T.: 0.001 min
Response: 2598026
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

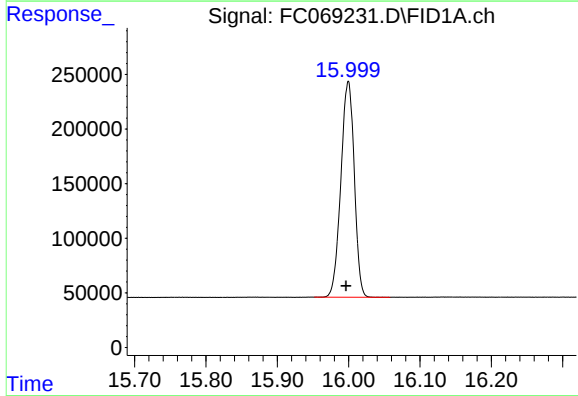
R.T.: 13.871 min
Delta R.T.: 0.002 min
Response: 2863332
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



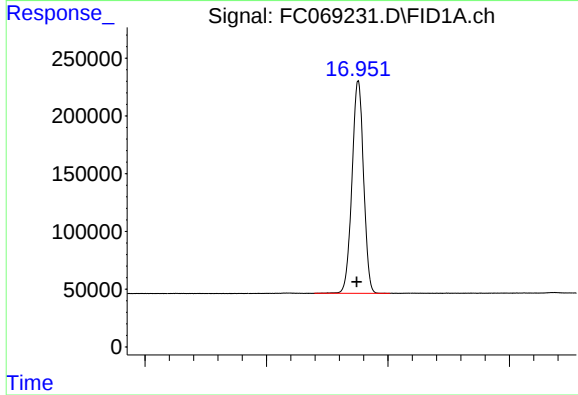
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: 0.003 min
Response: 2739709
Conc: 19.86 ug/ml



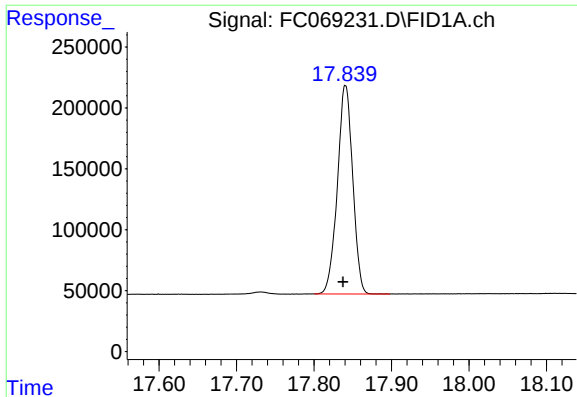
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: 0.003 min
Response: 2583966
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

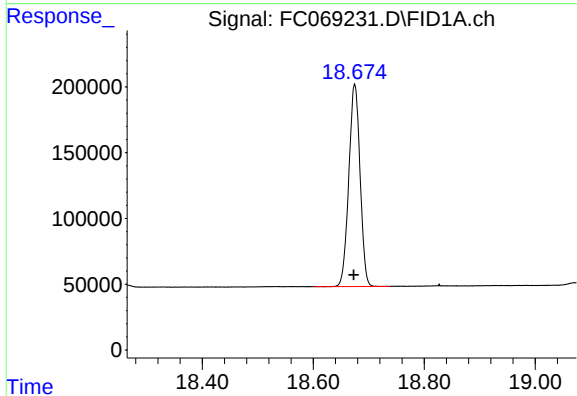
R.T.: 16.951 min
Delta R.T.: 0.002 min
Response: 2434524
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

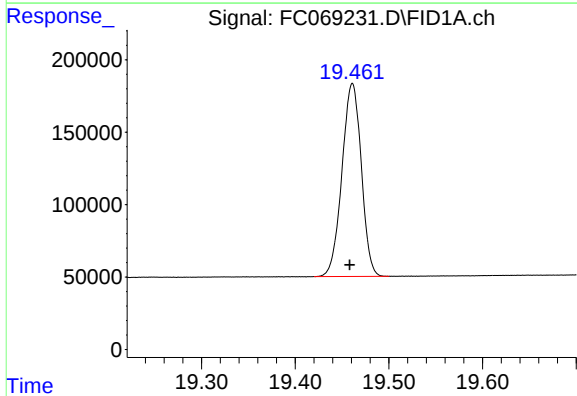
R.T.: 17.841 min
Delta R.T.: 0.003 min
Response: 2351527
Conc: 19.78 ug/ml

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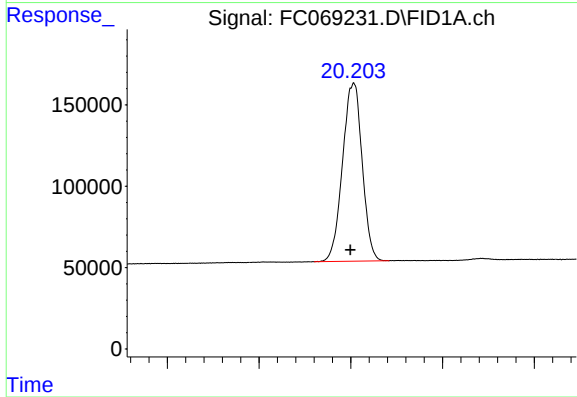
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: 0.002 min
Response: 2163725
Conc: 19.79 ug/ml



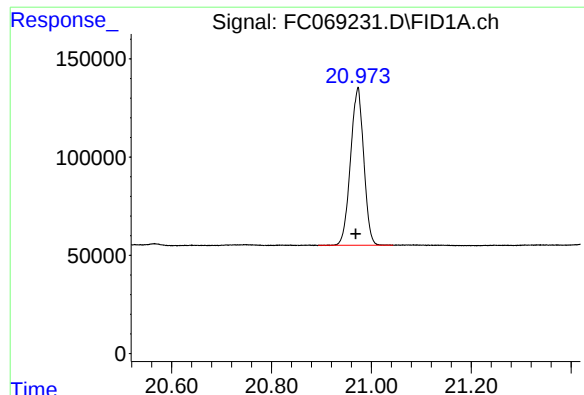
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.003 min
Response: 1911711
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

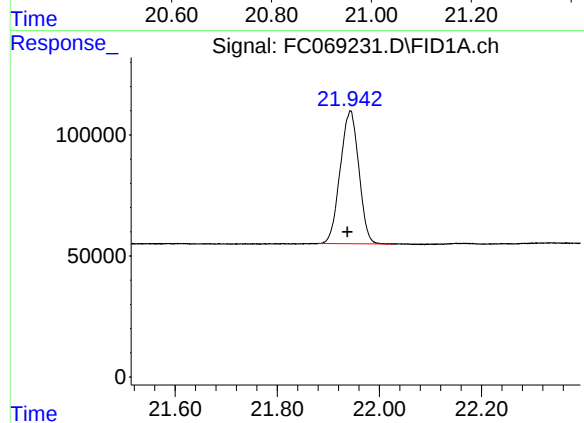
R.T.: 20.203 min
Delta R.T.: 0.003 min
Response: 1625835
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.004 min
Response: 1470193
Conc: 19.67 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: 0.006 min
Response: 1387436
Conc: 19.59 ug/ml