

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
 Data File : FC069365.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2025 00:37
 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: Jul 03 02:13:27 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)	11.678	2974393	17.217 ug/ml
Spiked Amount 50.000		Recovery =	34.43%
12) S 1-chlorooctadecane (S...	13.113	2257958	17.284 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T n-Nonane (C9)	3.408	2764788	19.440 ug/ml
2) T n-Decane (C10)	4.480	2862199	19.551 ug/ml
3) T A~Naphthalene (C11.7)	6.076	3114852	19.360 ug/ml
4) T n-Dodecane (C12)	6.506	2905131	19.185 ug/ml
5) T A~2-methylnaphthalene...	7.136	3001447	18.967 ug/ml
6) T n-Tetradecane (C14)	8.305	2872402	18.531 ug/ml
7) T n-Hexadecane (C16)	9.909	2918104	17.857 ug/ml
8) T n-Octadecane (C18)	11.354	2860424	17.520 ug/ml
10) T n-Eicosane (C20)	12.666	2661549	17.437 ug/ml
11) T n-Heneicosane (C21)	13.280	2570555	17.440 ug/ml
13) T n-Docosane (C22)	13.867	2517156	17.495 ug/ml
14) T n-Tetracosane (C24)	14.972	2429545	17.614 ug/ml
15) T n-Hexacosane (C26)	15.995	2305151	17.634 ug/ml
16) T n-Octacosane (C28)	16.946	2210359	17.923 ug/ml
17) T n-Tricontane (C30)	17.836	2225642	18.721 ug/ml
18) T n-Dotriacontane (C32)	18.670	2129321	19.475 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1939815	20.088 ug/ml
20) T n-Hexatriacontane (C36)	20.196	1695461	20.573 ug/ml
21) T n-Octatriacontane (C38)	20.964	1543749	20.658 ug/ml
22) T n-Tetracontane (C40)	21.933	1427964	20.164 ug/ml

(f)=RT Delta > 1/2 Window

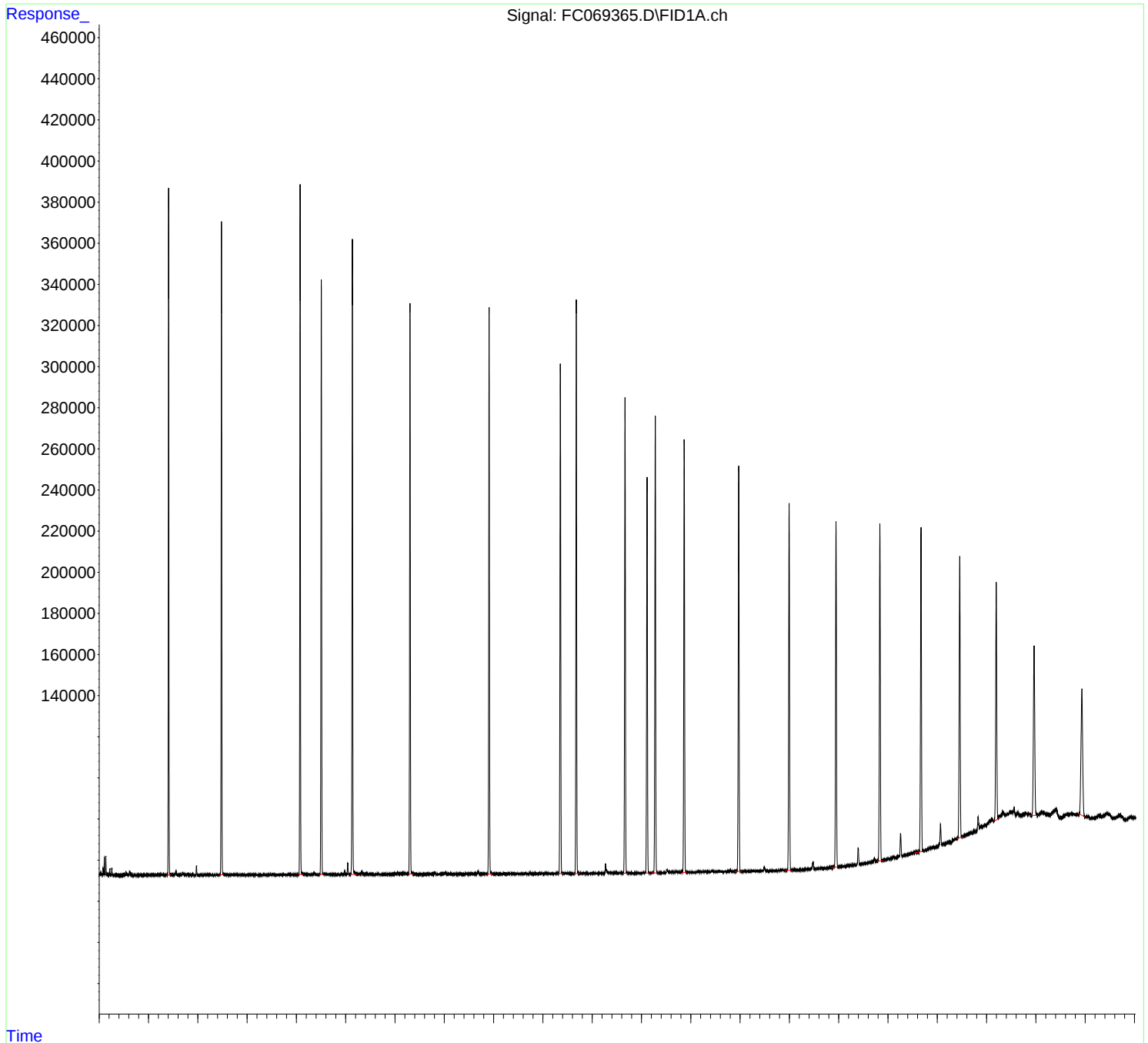
(m)=manual int.

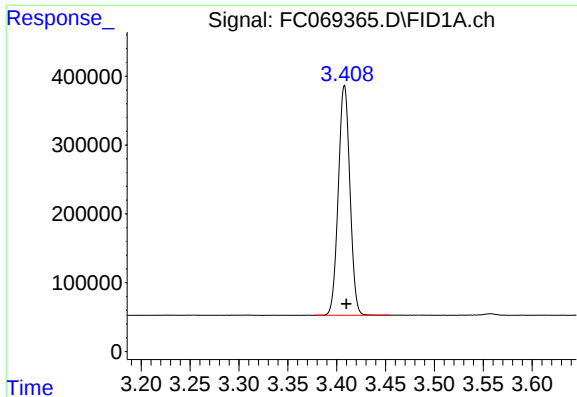
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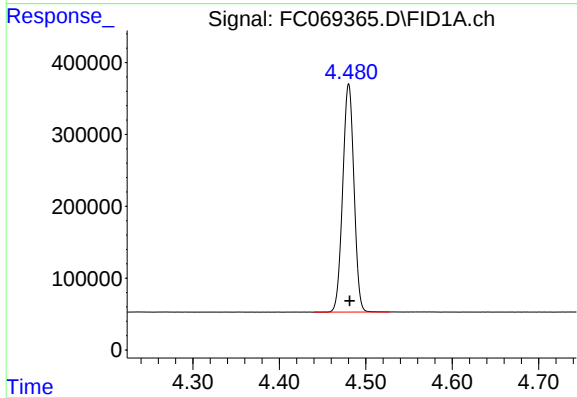




#1 n-Nonane (C9)

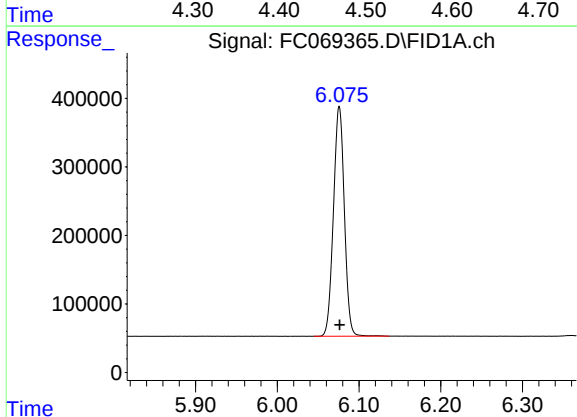
R.T.: 3.408 min
Delta R.T.: -0.002 min
Response: 2764788
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



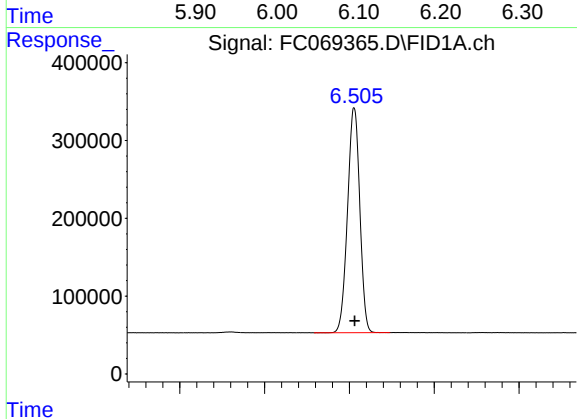
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.001 min
Response: 2862199
Conc: 19.55 ug/ml



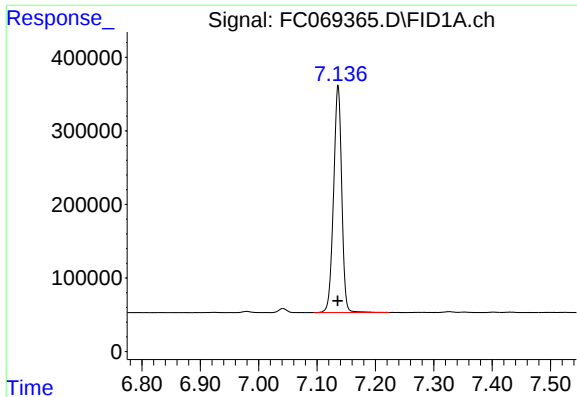
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 3114852
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

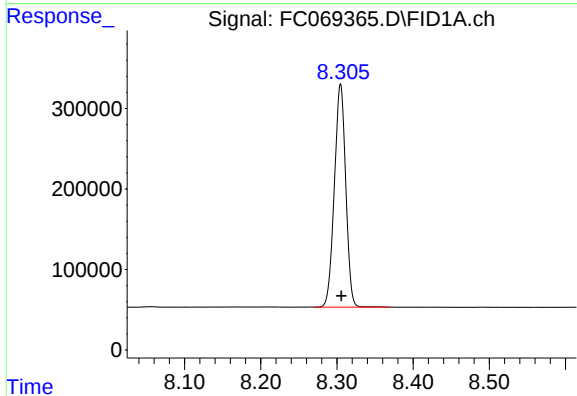
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 2905131
Conc: 19.19 ug/ml



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

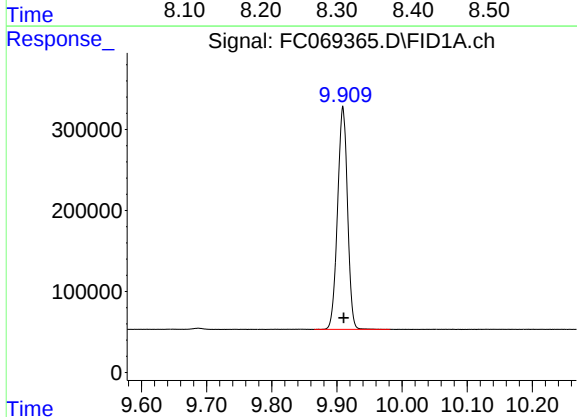
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 3001447
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



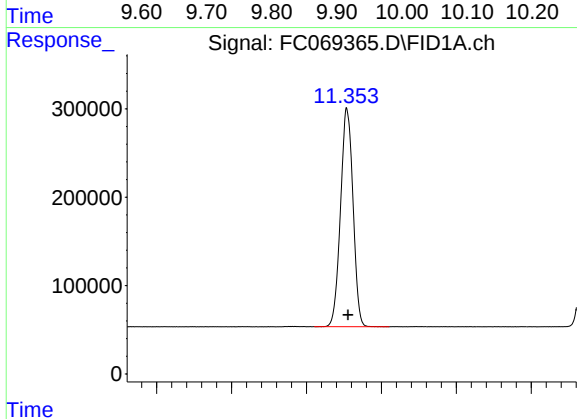
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.001 min
Response: 2872402
Conc: 18.53 ug/ml



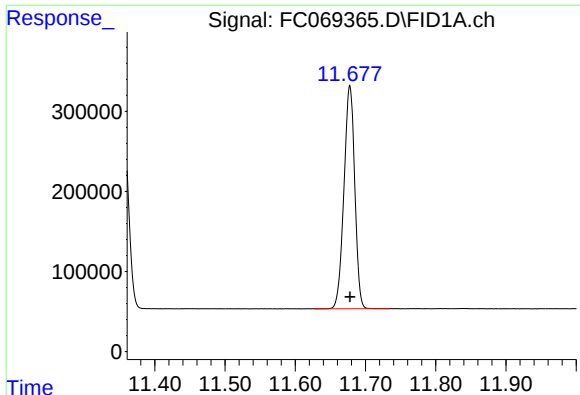
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.001 min
Response: 2918104
Conc: 17.86 ug/ml



#8 n-Octadecane (C18)

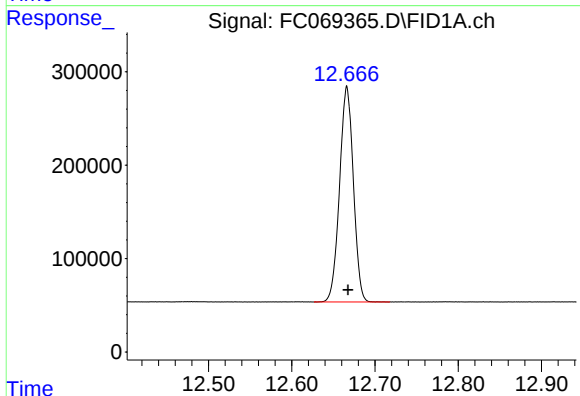
R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 2860424
Conc: 17.52 ug/ml



#9 ortho-Terphenyl (SURR)

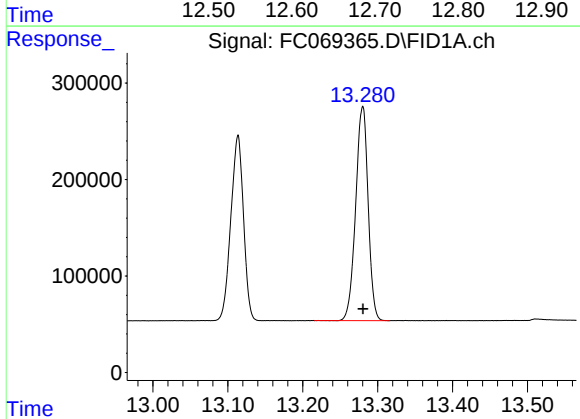
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2974393
Conc: 17.22 ug/ml

Instrument :
FID_C
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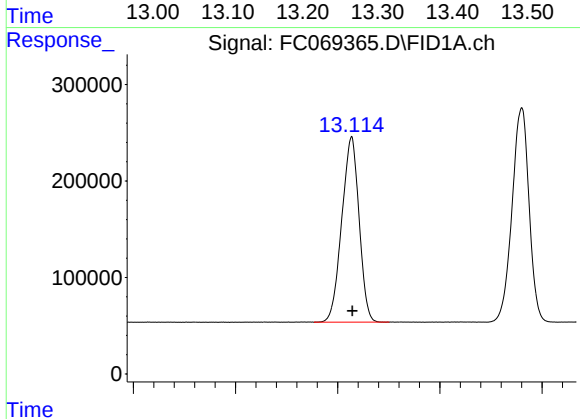
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 2661549
Conc: 17.44 ug/ml



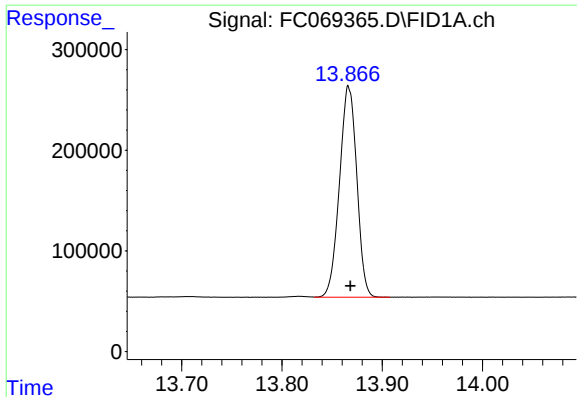
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 2570555
Conc: 17.44 ug/ml



#12 1-chlorooctadecane (SURR)

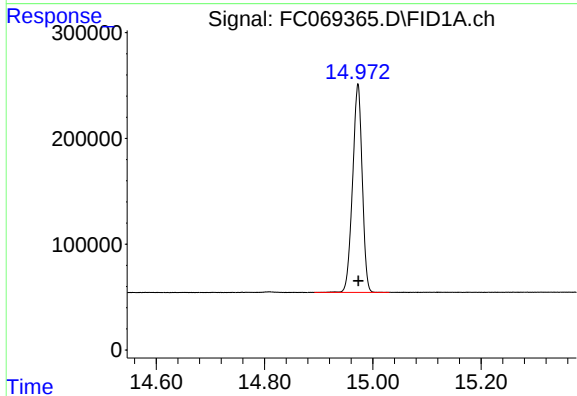
R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 2257958
Conc: 17.28 ug/ml



#13 n-Docosane (C22)

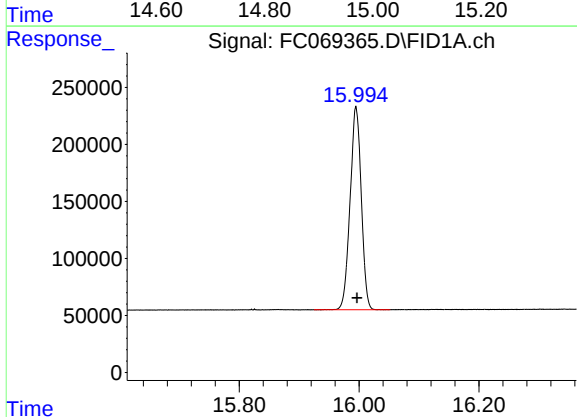
R.T.: 13.867 min
Delta R.T.: -0.002 min
Response: 2517156
Conc: 17.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



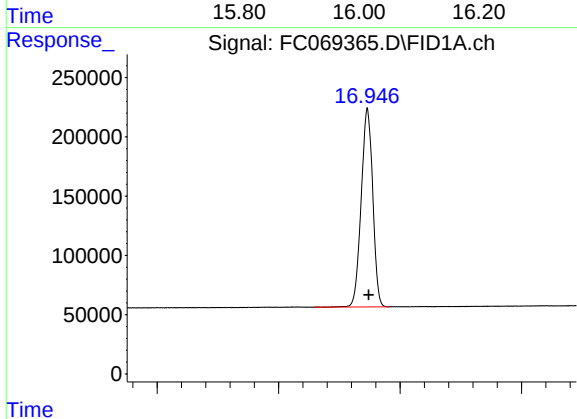
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.001 min
Response: 2429545
Conc: 17.61 ug/ml



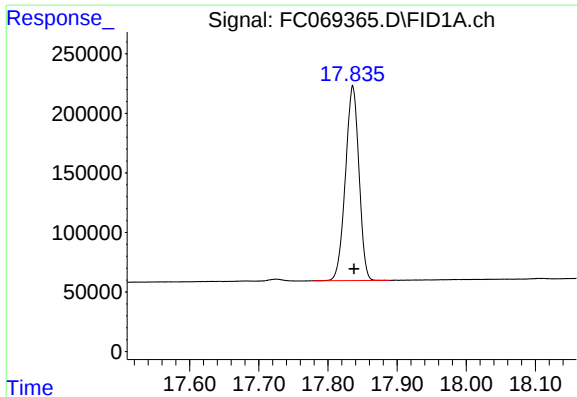
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.001 min
Response: 2305151
Conc: 17.63 ug/ml



#16 n-Octacosane (C28)

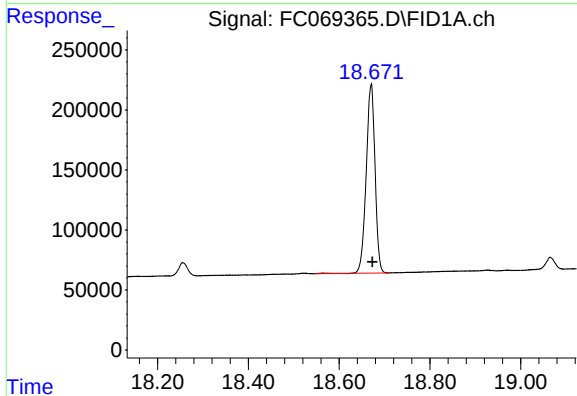
R.T.: 16.946 min
Delta R.T.: -0.002 min
Response: 2210359
Conc: 17.92 ug/ml



#17 n-Tricontane (C30)

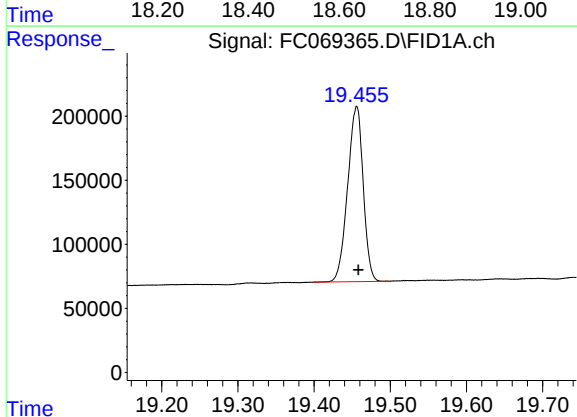
R.T.: 17.836 min
Delta R.T.: -0.002 min
Response: 2225642
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



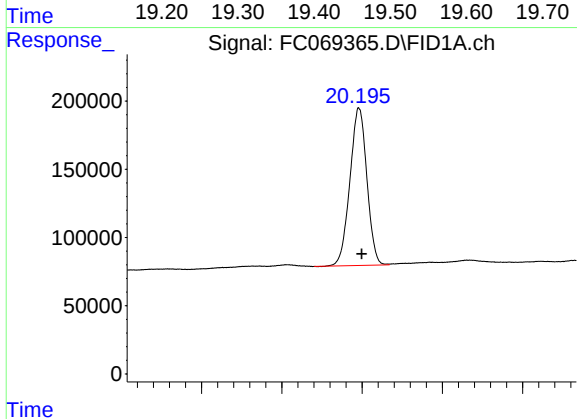
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 2129321
Conc: 19.47 ug/ml



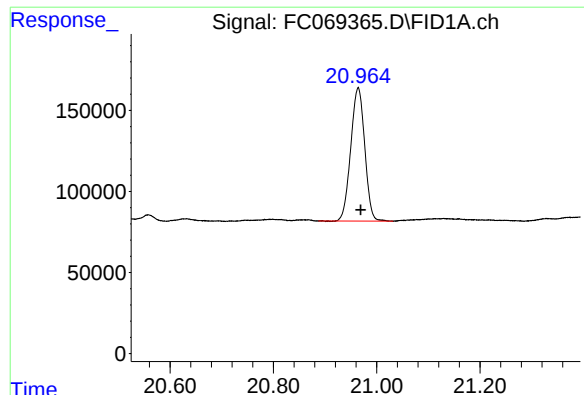
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.003 min
Response: 1939815
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

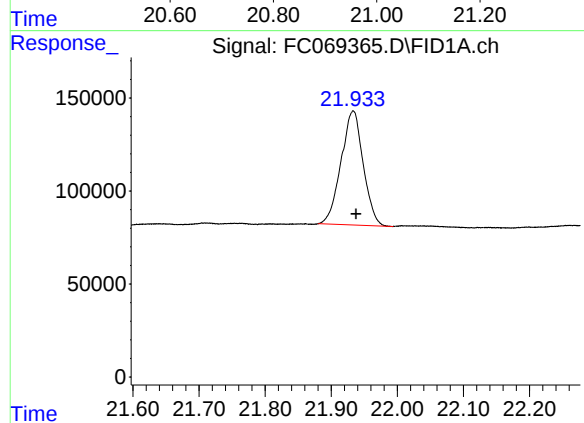
R.T.: 20.196 min
Delta R.T.: -0.003 min
Response: 1695461
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: -0.005 min
Response: 1543749
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.004 min
Response: 1427964
Conc: 20.16 ug/ml