

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068384.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 12:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 06 13:21:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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)	11.393	3352245	20.936 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
12) S 1-chlorooctadecane (S...	12.836	2450945	21.161 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T n-Nonane (C9)	3.201	3031669	20.773 ug/ml
2) T n-Decane (C10)	4.258	3063105	20.852 ug/ml
3) T A~Naphthalene (C11.7)	5.825	3312851	21.093 ug/ml
4) T n-Dodecane (C12)	6.267	3048844	20.882 ug/ml
5) T A~2-methylnaphthalene...	6.877	3120533	21.127 ug/ml
6) T n-Tetradecane (C14)	8.055	2951729	20.994 ug/ml
7) T n-Hexadecane (C16)	9.651	2985873	21.116 ug/ml
8) T n-Octadecane (C18)	11.089	2992676	21.133 ug/ml
10) T n-Eicosane (C20)	12.394	2861830	21.061 ug/ml
11) T n-Heneicosane (C21)	13.006	2807961	21.035 ug/ml
13) T n-Docosane (C22)	13.590	2775794	21.051 ug/ml
14) T n-Tetracosane (C24)	14.691	2785205	21.008 ug/ml
15) T n-Hexacosane (C26)	15.711	2741697	20.935 ug/ml
16) T n-Octacosane (C28)	16.659	2723752	21.008 ug/ml
17) T n-Tricontane (C30)	17.546	2887103	21.093 ug/ml
18) T n-Dotriacontane (C32)	18.377	2859701	21.216 ug/ml
19) T n-Tetratriacontane (C34)	19.159	2624464	21.086 ug/ml
20) T n-Hexatriacontane (C36)	19.898	2273910	21.038 ug/ml
21) T n-Octatriacontane (C38)	20.609	2064012	21.039 ug/ml
22) T n-Tetracontane (C40)	21.464	1887620	20.937 ug/ml

(f)=RT Delta > 1/2 Window

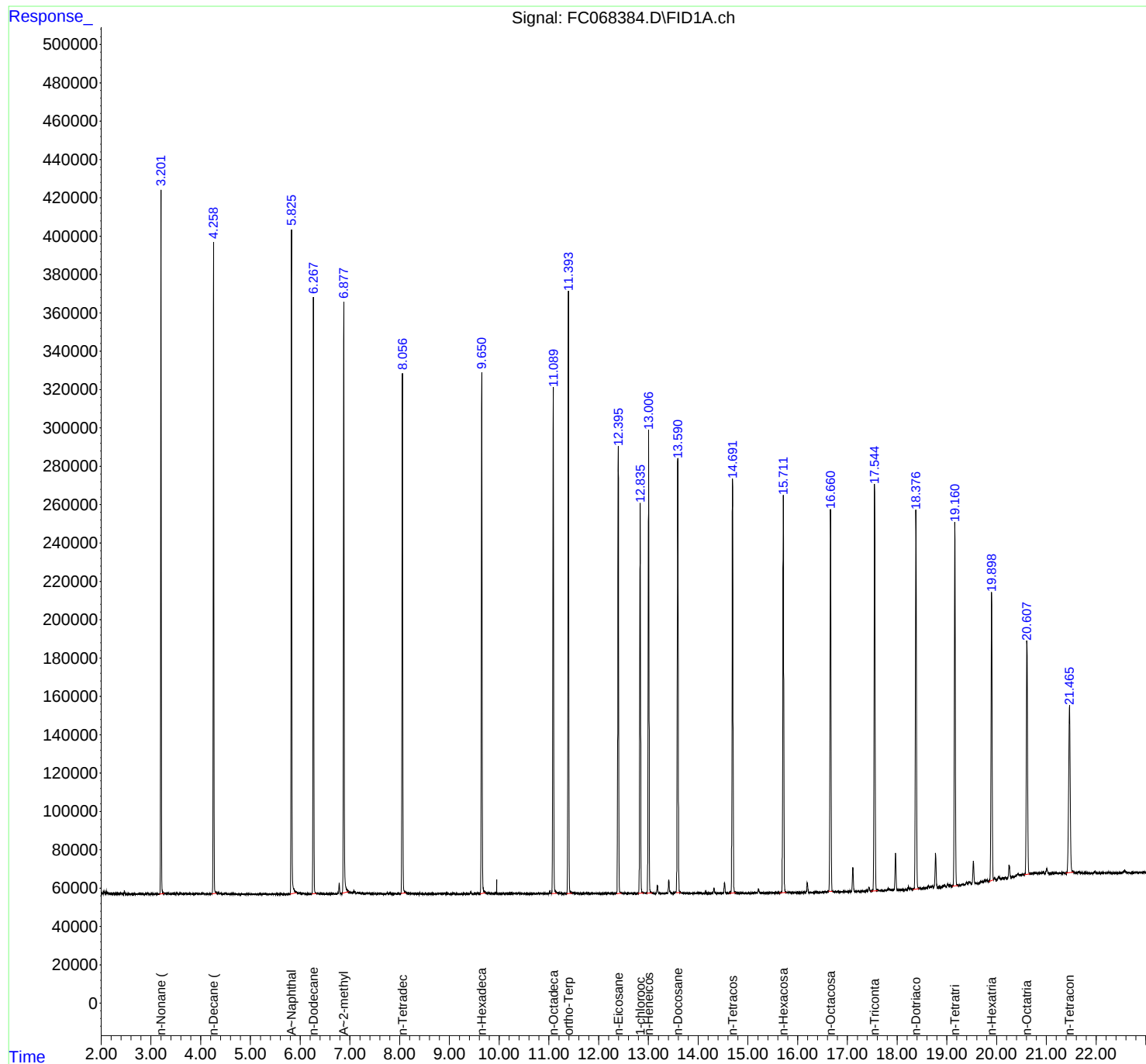
(m)=manual int.

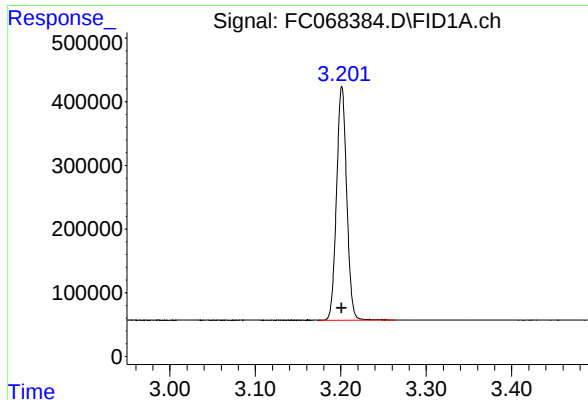
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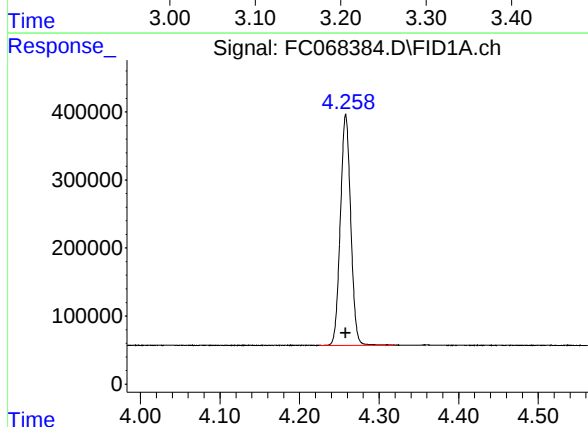




#1 n-Nonane (C9)

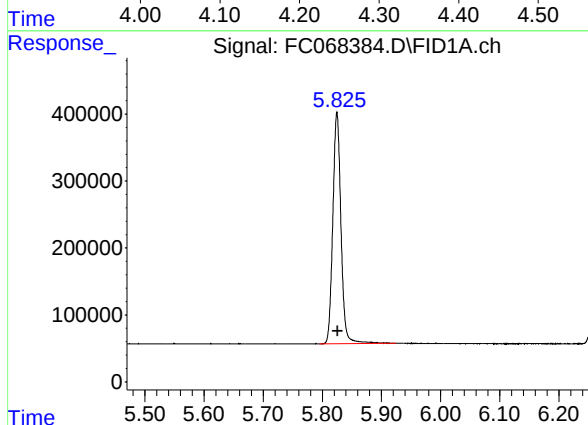
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 3031669
Conc: 20.77 ug/ml

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20 PPM ALIPHATIC HC STD ICV



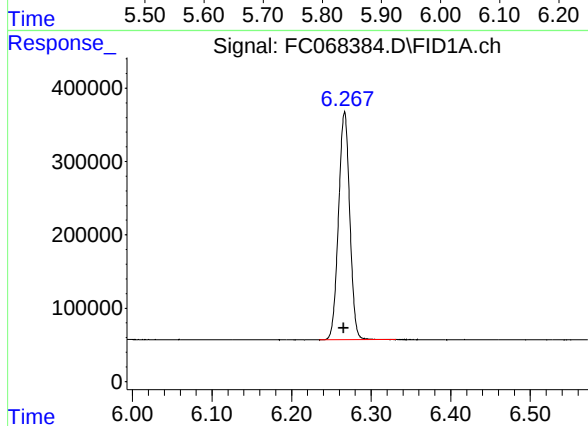
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3063105
Conc: 20.85 ug/ml



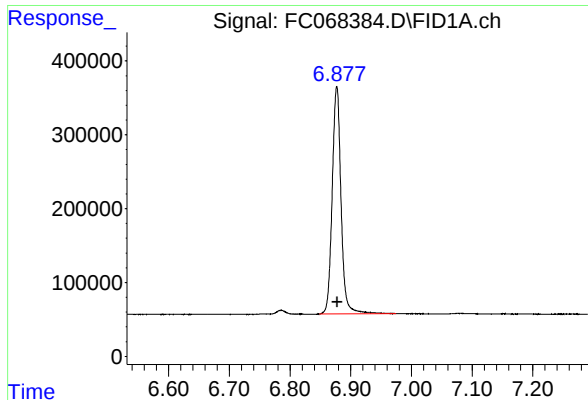
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 3312851
Conc: 21.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: 0.001 min
Response: 3048844
Conc: 20.88 ug/ml



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

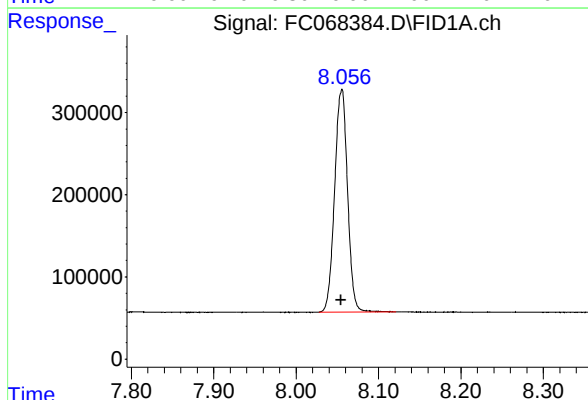
R.T.: 6.877 min
Delta R.T.: -0.001 min
Response: 3120533
Conc: 21.13 ug/ml

Instrument :

FID_C

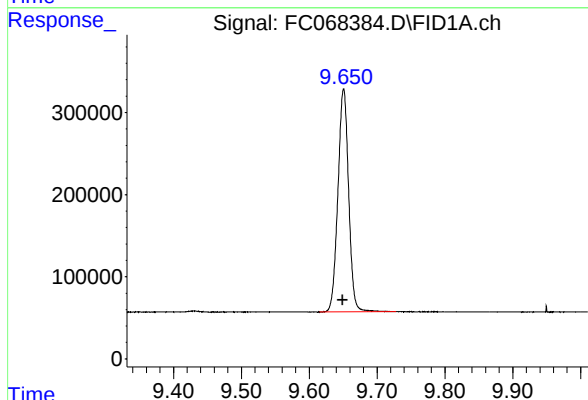
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



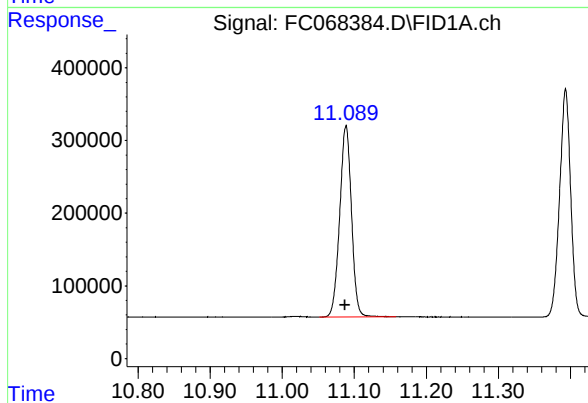
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2951729
Conc: 20.99 ug/ml



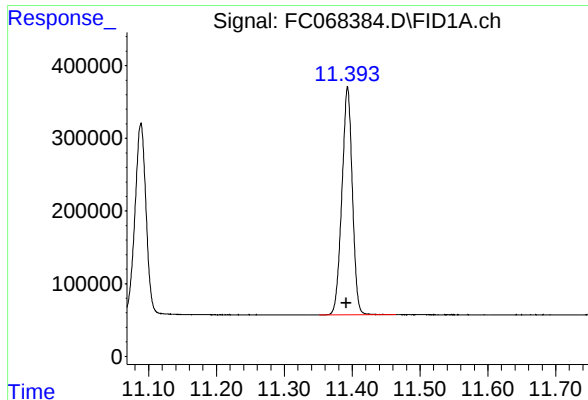
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: 0.001 min
Response: 2985873
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

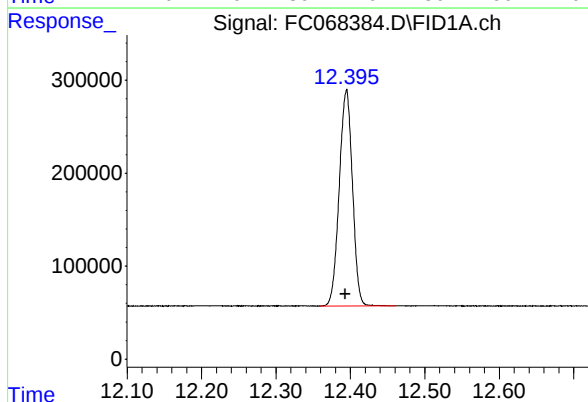
R.T.: 11.089 min
Delta R.T.: 0.001 min
Response: 2992676
Conc: 21.13 ug/ml



#9 ortho-Terphenyl (SURR)

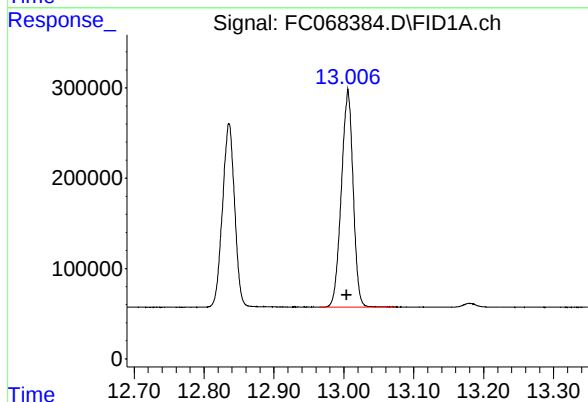
R.T.: 11.393 min
Delta R.T.: 0.002 min
Response: 3352245
Conc: 20.94 ug/ml

Instrument :
FID_C
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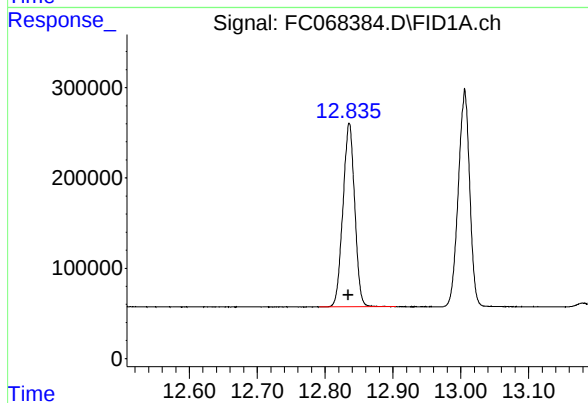
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.001 min
Response: 2861830
Conc: 21.06 ug/ml



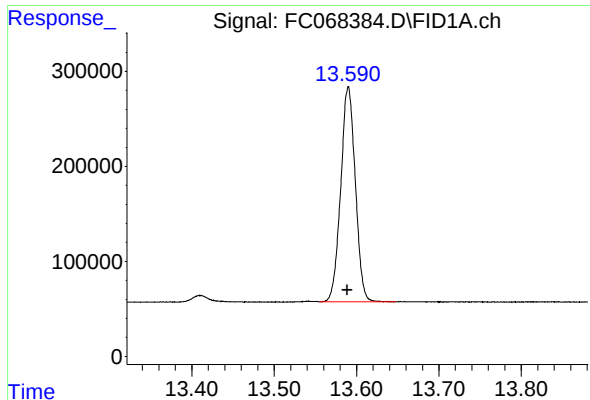
#11 n-Heneicosane (C21)

R.T.: 13.006 min
Delta R.T.: 0.002 min
Response: 2807961
Conc: 21.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.836 min
Delta R.T.: 0.001 min
Response: 2450945
Conc: 21.16 ug/ml



#13 n-Docosane (C22)

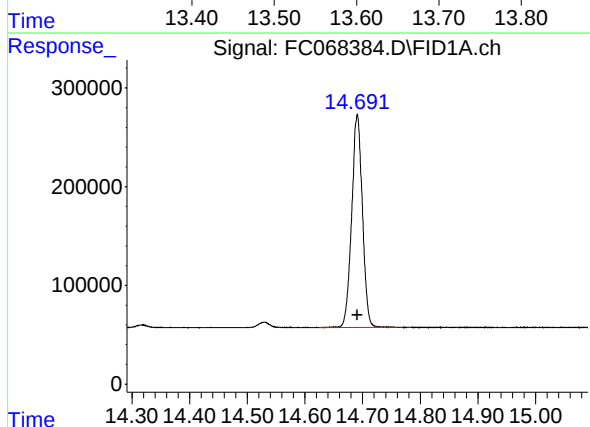
R.T.: 13.590 min
Delta R.T.: 0.001 min
Response: 2775794
Conc: 21.05 ug/ml

Instrument :

FID_C

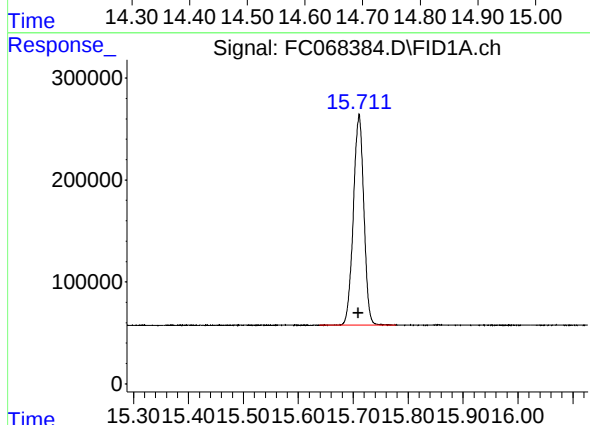
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



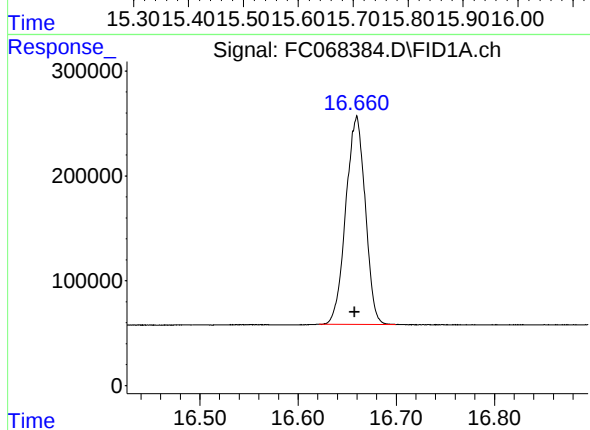
#14 n-Tetracosane (C24)

R.T.: 14.691 min
Delta R.T.: 0.000 min
Response: 2785205
Conc: 21.01 ug/ml



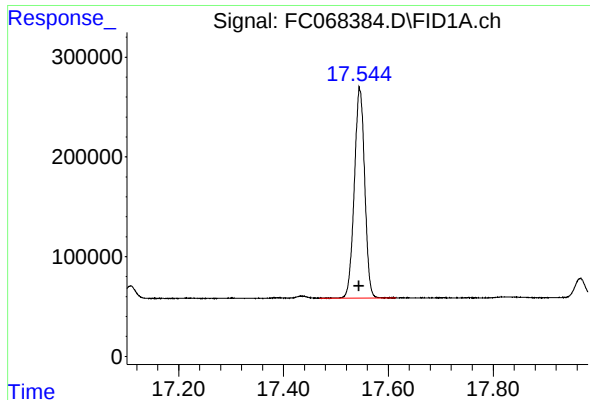
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: 0.001 min
Response: 2741697
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.659 min
Delta R.T.: 0.002 min
Response: 2723752
Conc: 21.01 ug/ml



#17 n-Tricontane (C30)

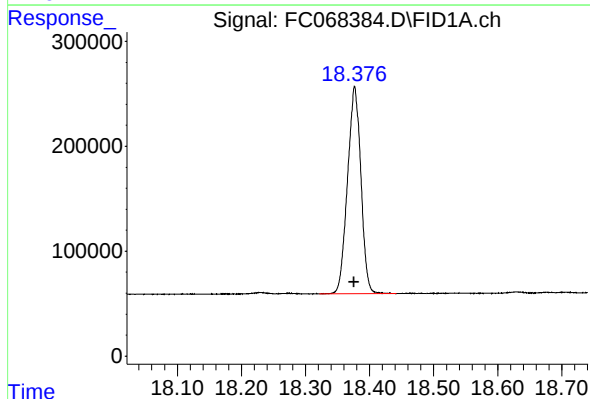
R.T.: 17.546 min
Delta R.T.: 0.001 min
Response: 2887103
Conc: 21.09 ug/ml

Instrument :

FID_C

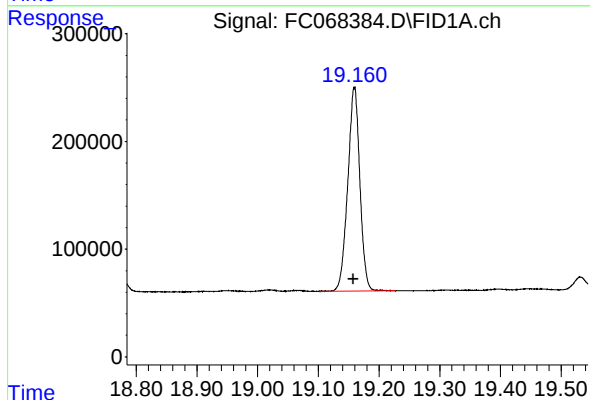
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



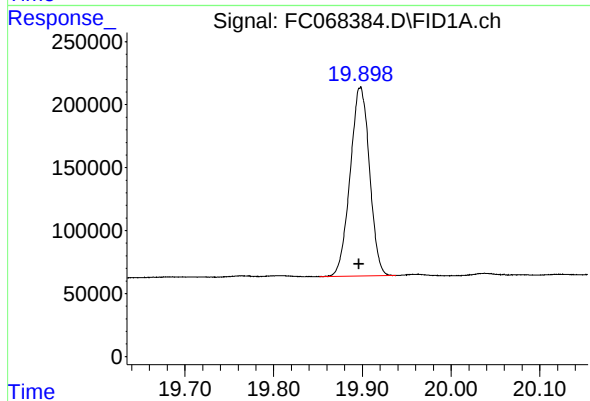
#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: 0.001 min
Response: 2859701
Conc: 21.22 ug/ml



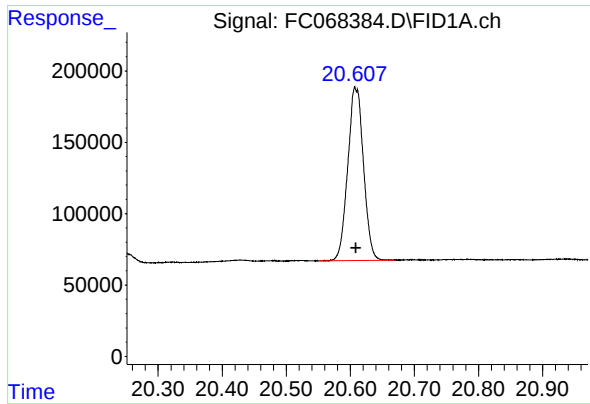
#19 n-Tetatriacontane (C34)

R.T.: 19.159 min
Delta R.T.: 0.002 min
Response: 2624464
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

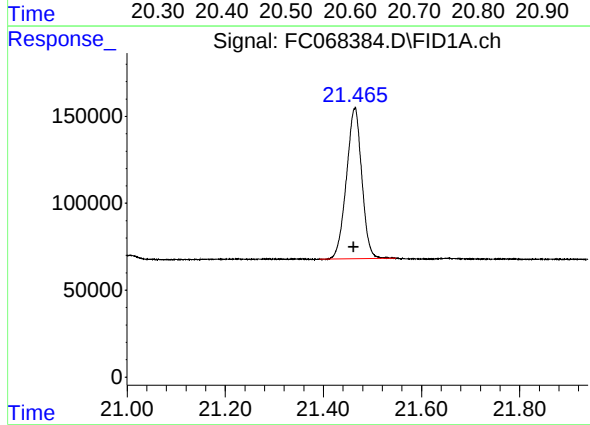
R.T.: 19.898 min
Delta R.T.: 0.001 min
Response: 2273910
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2064012
Conc: 21.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: 0.002 min
Response: 1887620
Conc: 20.94 ug/ml