

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030325AL\
 Data File : FC068348.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 12:37
 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: Mar 04 02:39:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.392	2937379	18.797 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	12.834	2126161	18.488 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.202	2740152	20.011 ug/ml
2) T n-Decane (C10)	4.259	2793303	20.120 ug/ml
3) T A~Naphthalene (C11.7)	5.825	2991441	19.926 ug/ml
4) T n-Dodecane (C12)	6.266	2756592	19.732 ug/ml
5) T A~2-methylnaphthalene...	6.877	2790424	19.428 ug/ml
6) T n-Tetradecane (C14)	8.055	2645123	19.381 ug/ml
7) T n-Hexadecane (C16)	9.649	2664184	19.174 ug/ml
8) T n-Octadecane (C18)	11.087	2664429	19.043 ug/ml
10) T n-Eicosane (C20)	12.393	2547907	19.042 ug/ml
11) T n-Heneicosane (C21)	13.003	2476900	18.859 ug/ml
13) T n-Docosane (C22)	13.588	2522690	19.475 ug/ml
14) T n-Tetracosane (C24)	14.688	2640294	20.565 ug/ml
15) T n-Hexacosane (C26)	15.708	2700929	21.464 ug/ml
16) T n-Octacosane (C28)	16.656	2792570	22.328 ug/ml
17) T n-Tricontane (C30)	17.543	2941149	22.755 ug/ml
18) T n-Dotriacontane (C32)	18.375	2858332	22.865 ug/ml
19) T n-Tetratriacontane (C34)	19.157	2407136	22.191 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1990953	21.514 ug/ml
21) T n-Octatriacontane (C38)	20.607	1802142	21.031 ug/ml
22) T n-Tetracontane (C40)	21.455	1672188	20.680 ug/ml

(f)=RT Delta > 1/2 Window

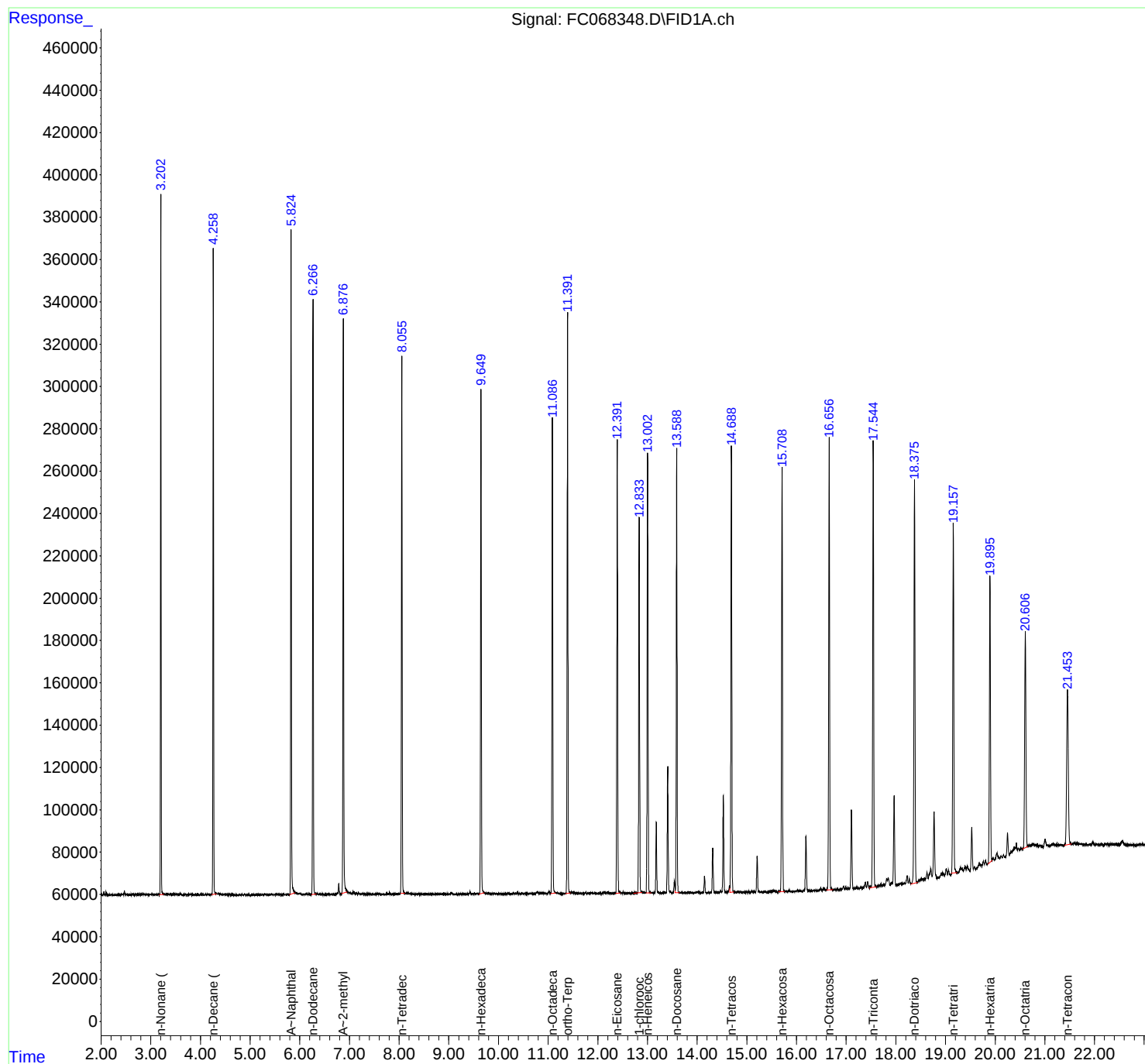
(m)=manual int.

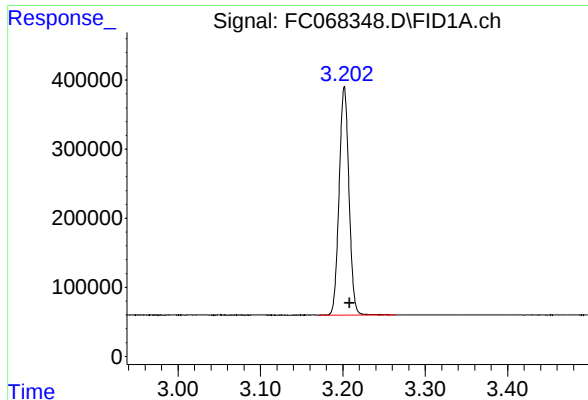
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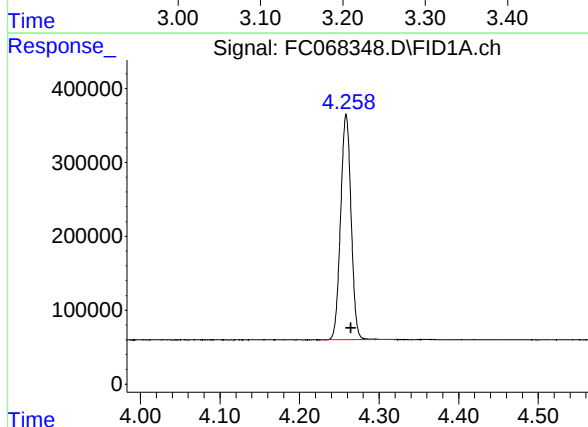




#1 n-Nonane (C9)

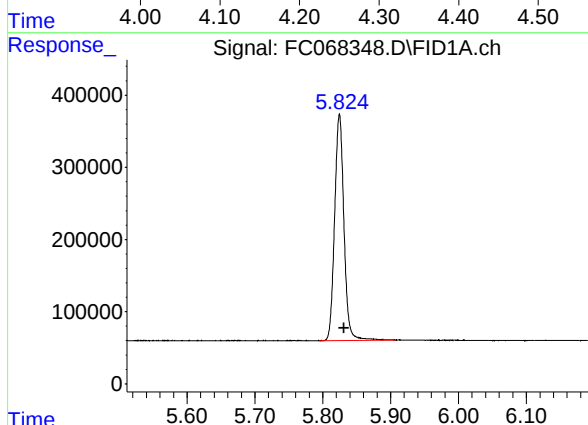
R.T.: 3.202 min
Delta R.T.: -0.006 min
Response: 2740152
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



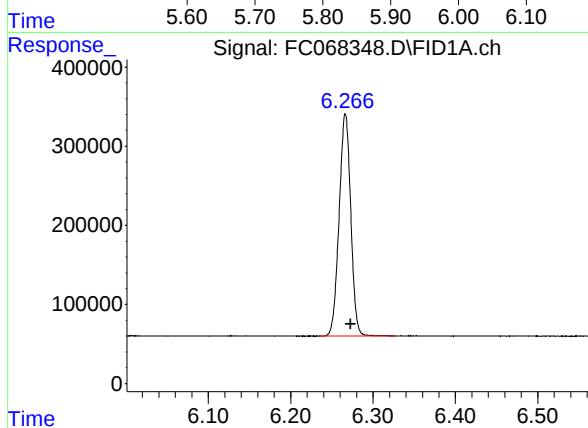
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: -0.006 min
Response: 2793303
Conc: 20.12 ug/ml



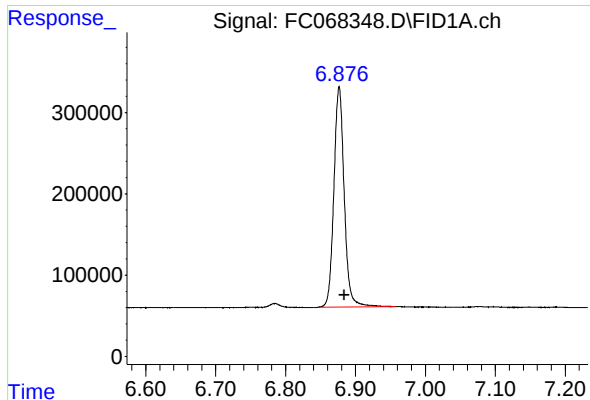
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: -0.007 min
Response: 2991441
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

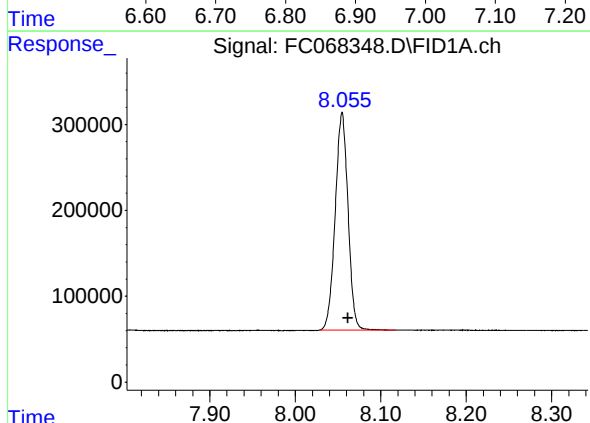
R.T.: 6.266 min
Delta R.T.: -0.007 min
Response: 2756592
Conc: 19.73 ug/ml



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

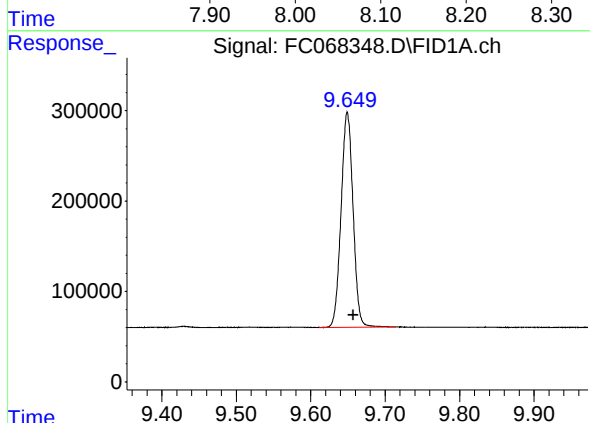
R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 2790424
Conc: 19.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



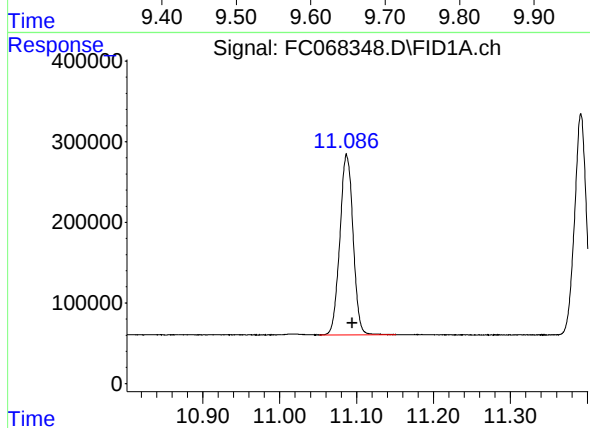
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.007 min
Response: 2645123
Conc: 19.38 ug/ml



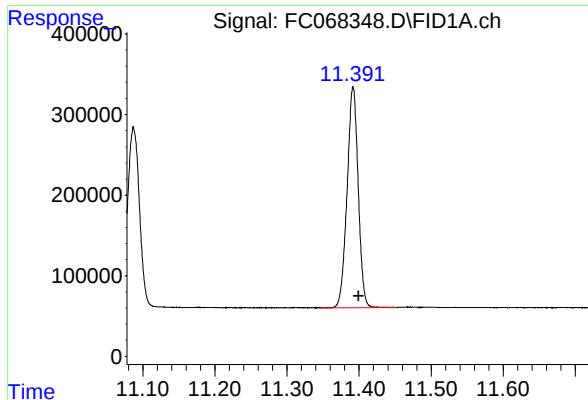
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: -0.008 min
Response: 2664184
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

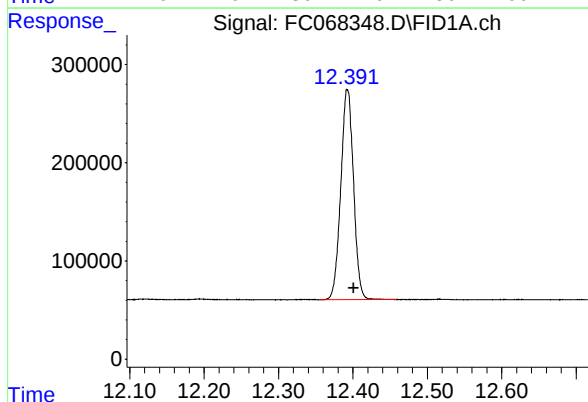
R.T.: 11.087 min
Delta R.T.: -0.007 min
Response: 2664429
Conc: 19.04 ug/ml



#9 ortho-Terphenyl (SURRE)

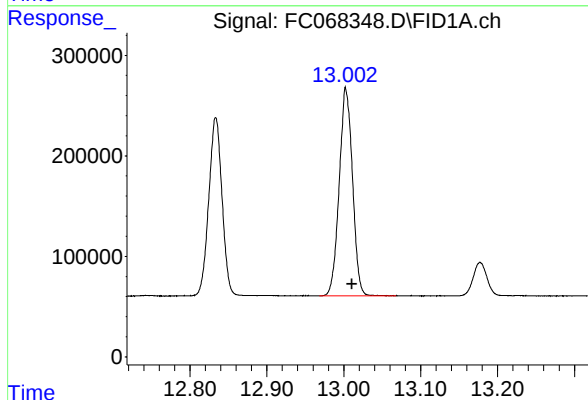
R.T.: 11.392 min
Delta R.T.: -0.008 min
Response: 2937379
Conc: 18.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



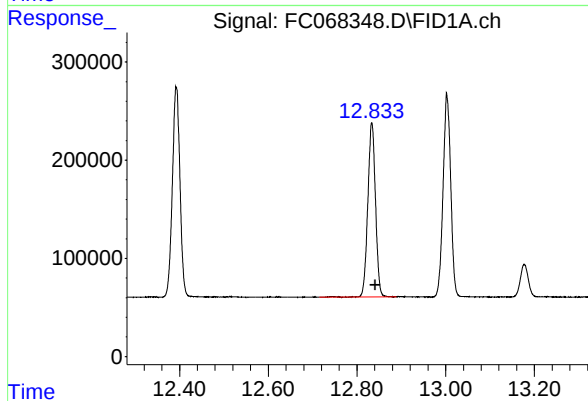
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: -0.008 min
Response: 2547907
Conc: 19.04 ug/ml



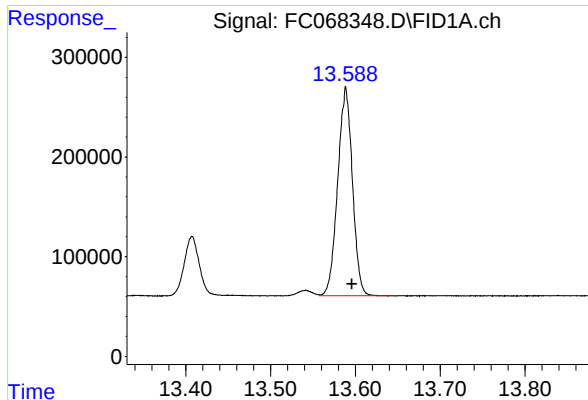
#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: -0.008 min
Response: 2476900
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURRE)

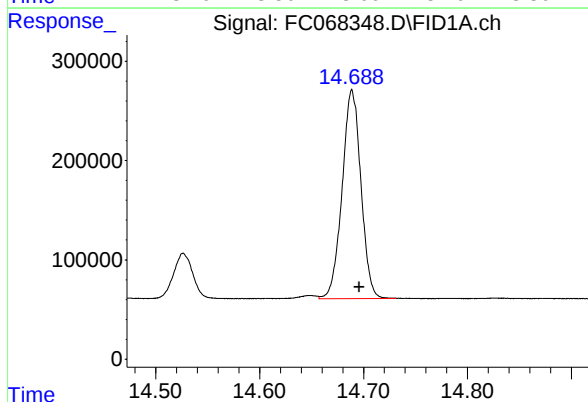
R.T.: 12.834 min
Delta R.T.: -0.008 min
Response: 2126161
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

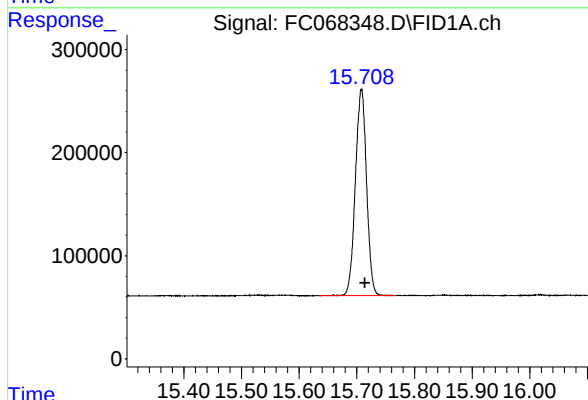
R.T.: 13.588 min
Delta R.T.: -0.007 min
Response: 2522690
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



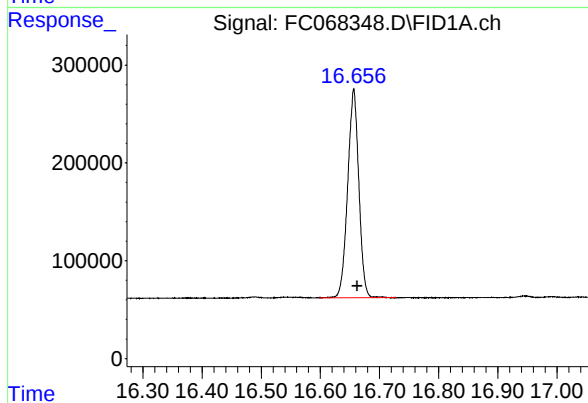
#14 n-Tetracosane (C24)

R.T.: 14.688 min
Delta R.T.: -0.008 min
Response: 2640294
Conc: 20.57 ug/ml m



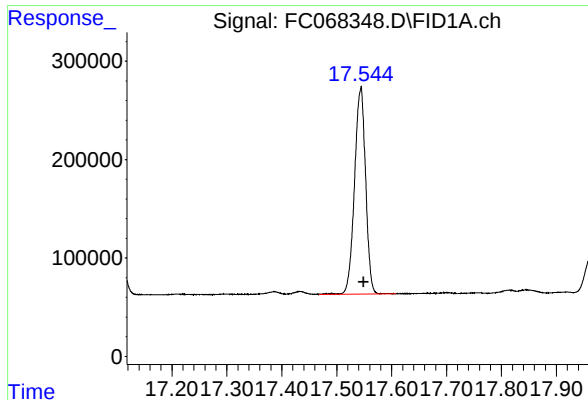
#15 n-Hexacosane (C26)

R.T.: 15.708 min
Delta R.T.: -0.006 min
Response: 2700929
Conc: 21.46 ug/ml



#16 n-Octacosane (C28)

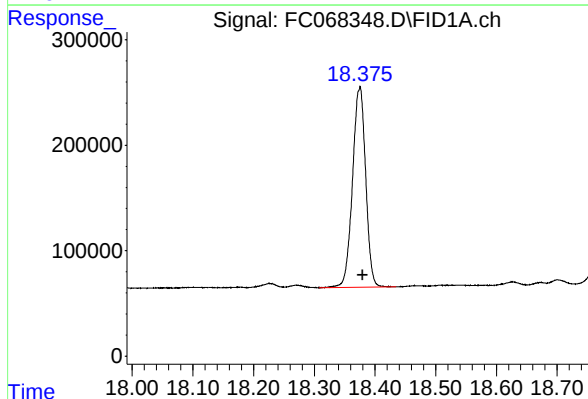
R.T.: 16.656 min
Delta R.T.: -0.006 min
Response: 2792570
Conc: 22.33 ug/ml



#17 n-Tricontane (C30)

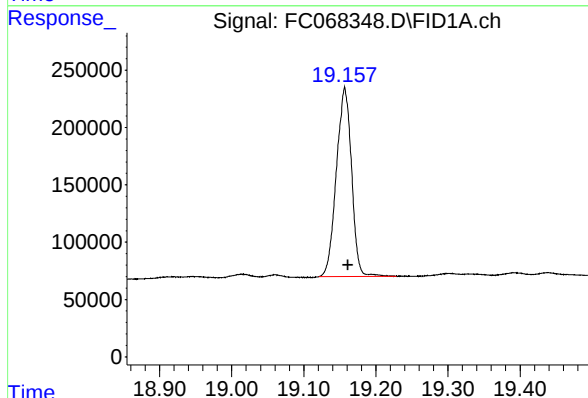
R.T.: 17.543 min
Delta R.T.: -0.006 min
Response: 2941149
Conc: 22.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



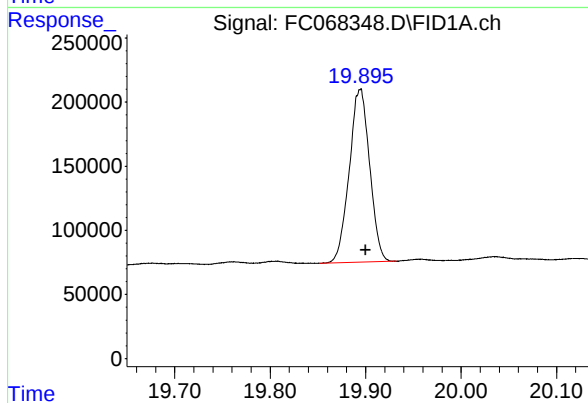
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: -0.005 min
Response: 2858332
Conc: 22.86 ug/ml



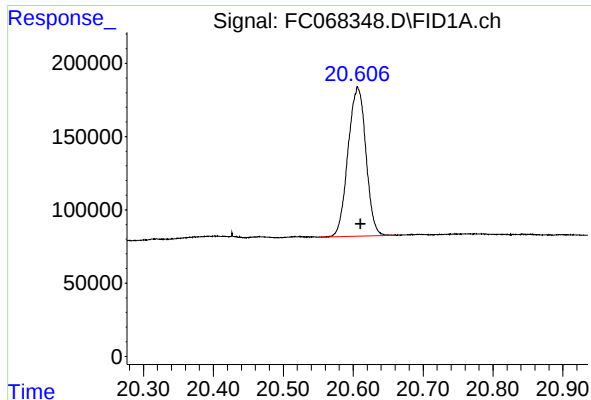
#19 n-Tetatriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.004 min
Response: 2407136
Conc: 22.19 ug/ml



#20 n-Hexatriacontane (C36)

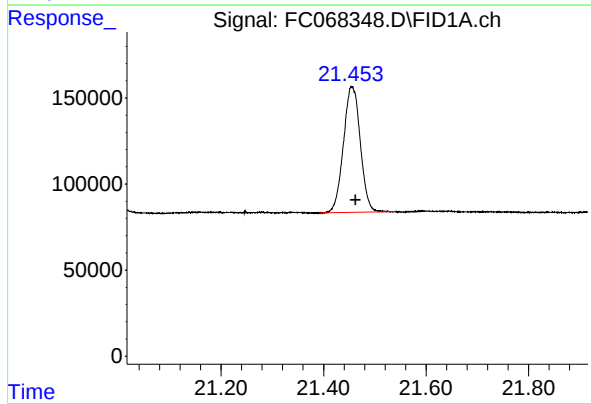
R.T.: 19.894 min
Delta R.T.: -0.006 min
Response: 1990953
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.607 min
Delta R.T.: -0.004 min
Response: 1802142
Conc: 21.03 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.455 min
Delta R.T.: -0.007 min
Response: 1672188
Conc: 20.68 ug/ml