

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068766.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 13:13
 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: May 06 03:50:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.711	2406831	18.901 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
12) S 1-chlorooctadecane (S...	13.143	1749097	18.829 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
Target Compounds			
1) T n-Nonane (C9)	3.442	2002032	19.008 ug/ml
2) T n-Decane (C10)	4.518	2024433	19.214 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2220556	19.067 ug/ml
4) T n-Dodecane (C12)	6.543	2007864	19.093 ug/ml
5) T A~2-methylnaphthalene...	7.173	2187030	18.936 ug/ml
6) T n-Tetradecane (C14)	8.341	1955403	19.021 ug/ml
7) T n-Hexadecane (C16)	9.943	1936544	19.015 ug/ml
8) T n-Octadecane (C18)	11.386	1914119	19.021 ug/ml
10) T n-Eicosane (C20)	12.697	1872246	19.035 ug/ml
11) T n-Heneicosane (C21)	13.309	1858080	19.066 ug/ml
13) T n-Docosane (C22)	13.895	1857071	19.225 ug/ml
14) T n-Tetracosane (C24)	15.001	1847725	19.412 ug/ml
15) T n-Hexacosane (C26)	16.022	1836669	19.664 ug/ml
16) T n-Octacosane (C28)	16.973	1901984	20.774 ug/ml
17) T n-Tricontane (C30)	17.862	2074976	22.571 ug/ml
18) T n-Dotriacontane (C32)	18.695	2156300	23.507 ug/ml
19) T n-Tetratriacontane (C34)	19.479	2072411	23.197 ug/ml
20) T n-Hexatriacontane (C36)	20.221	2048309	22.866 ug/ml
21) T n-Octatriacontane (C38)	20.996	1983361	22.433 ug/ml
22) T n-Tetracontane (C40)	21.973	1934574	21.908 ug/ml

(f)=RT Delta > 1/2 Window

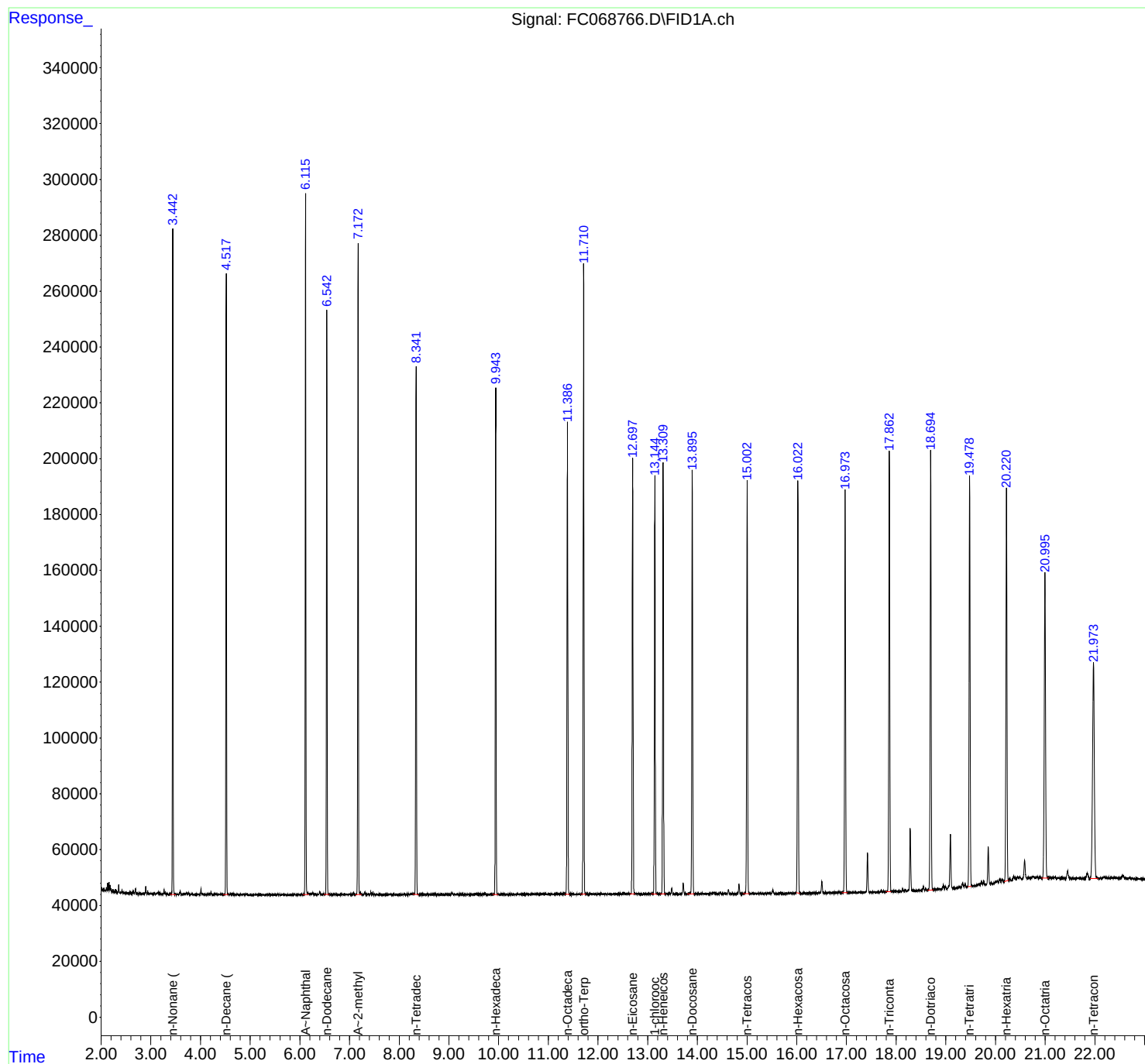
(m)=manual int.

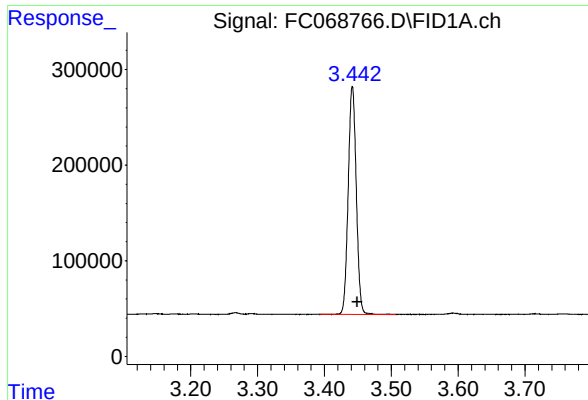
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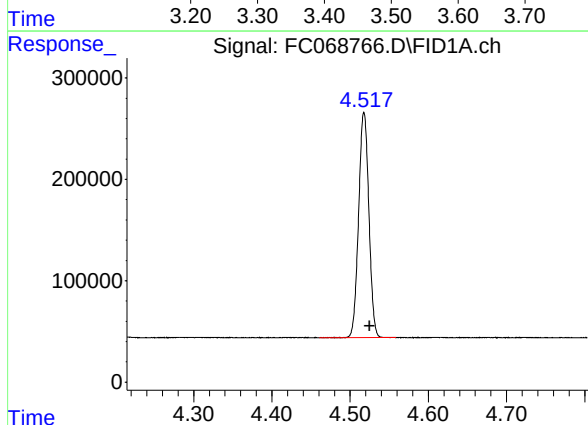




#1 n-Nonane (C9)

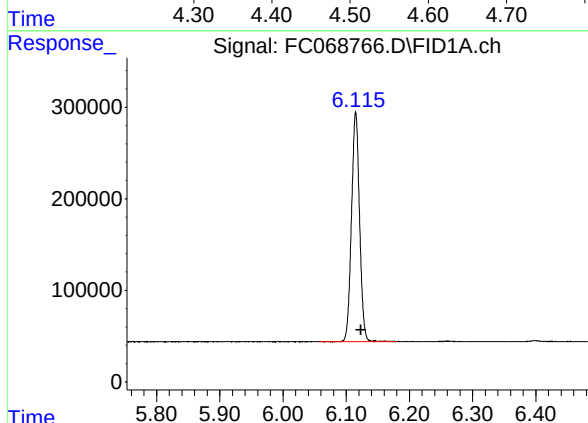
R.T.: 3.442 min
Delta R.T.: -0.007 min
Response: 2002032
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



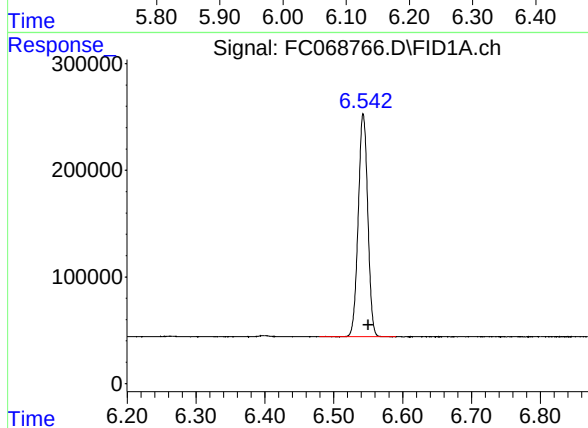
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.007 min
Response: 2024433
Conc: 19.21 ug/ml



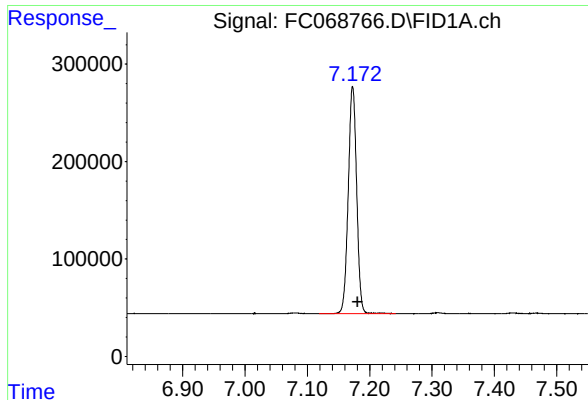
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: -0.008 min
Response: 2220556
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

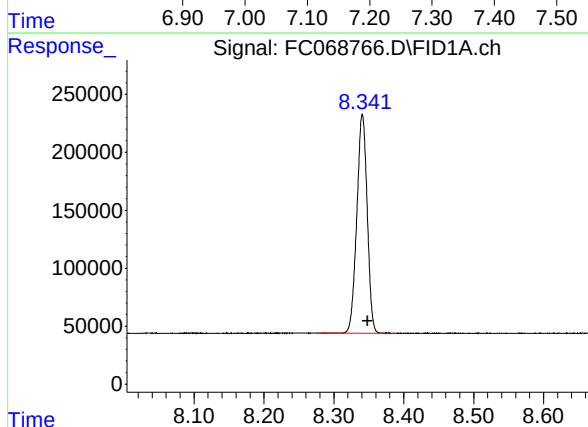
R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 2007864
Conc: 19.09 ug/ml



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

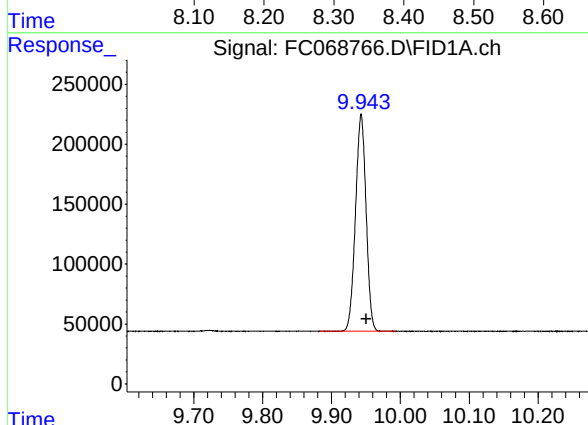
R.T.: 7.173 min
Delta R.T.: -0.008 min
Response: 2187030
Conc: 18.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



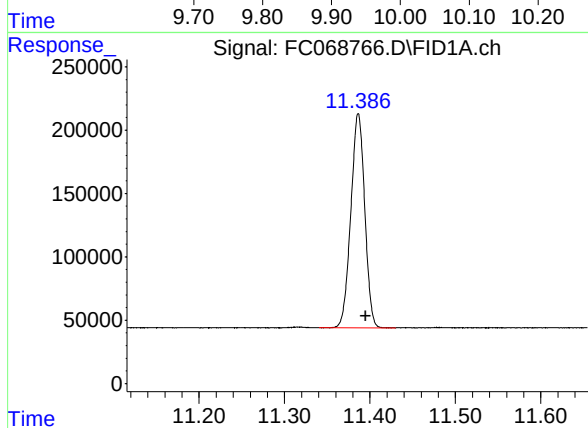
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: -0.008 min
Response: 1955403
Conc: 19.02 ug/ml



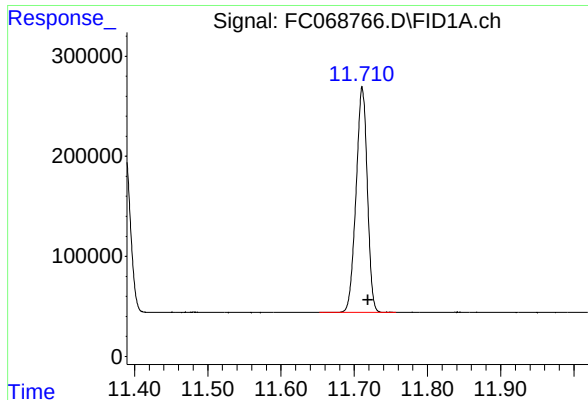
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: -0.008 min
Response: 1936544
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

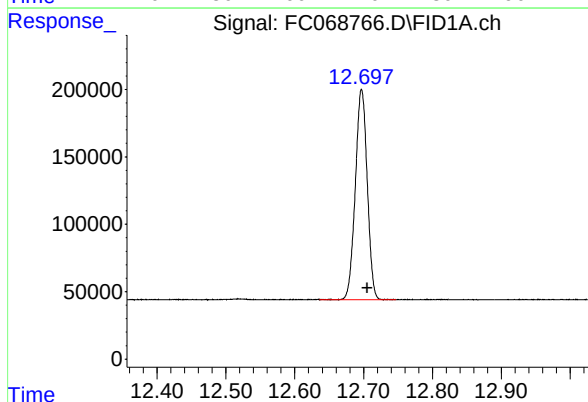
R.T.: 11.386 min
Delta R.T.: -0.008 min
Response: 1914119
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

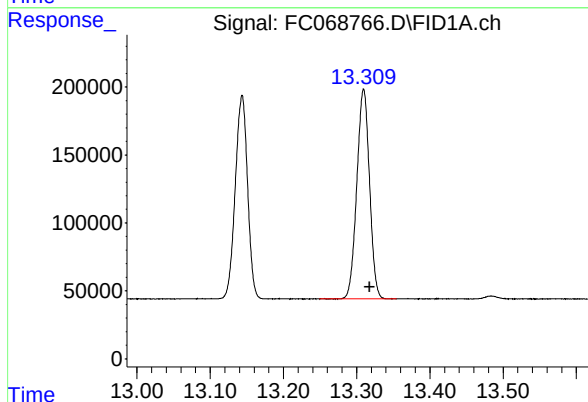
R.T.: 11.711 min
Delta R.T.: -0.008 min
Response: 2406831
Conc: 18.90 ug/ml

Instrument :
FID_C
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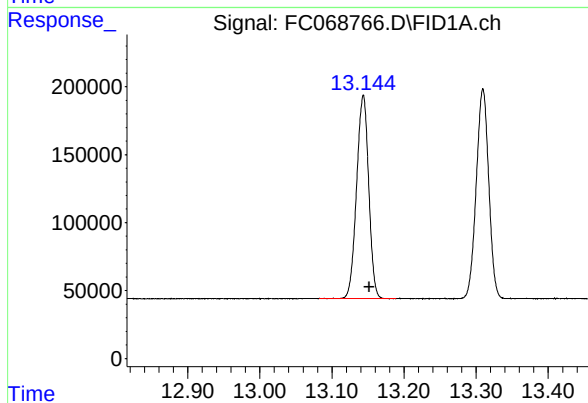
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.008 min
Response: 1872246
Conc: 19.03 ug/ml



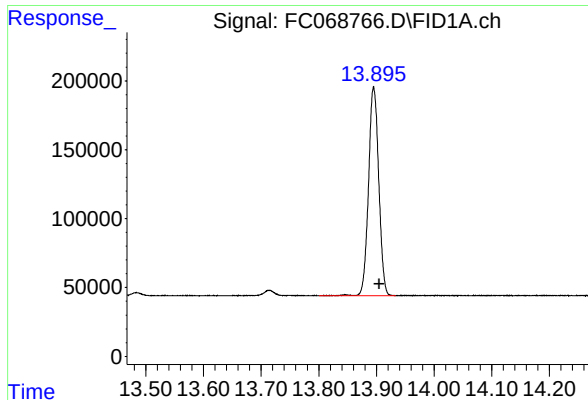
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.008 min
Response: 1858080
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

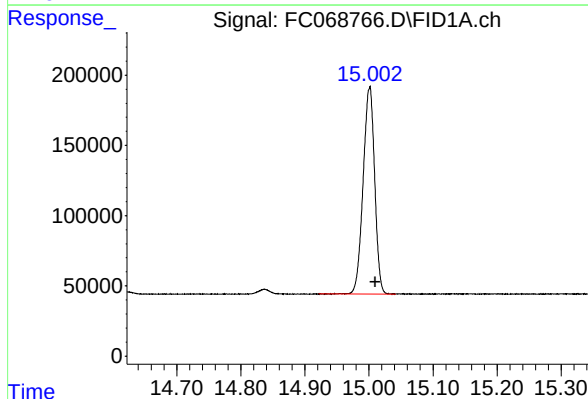
R.T.: 13.143 min
Delta R.T.: -0.009 min
Response: 1749097
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

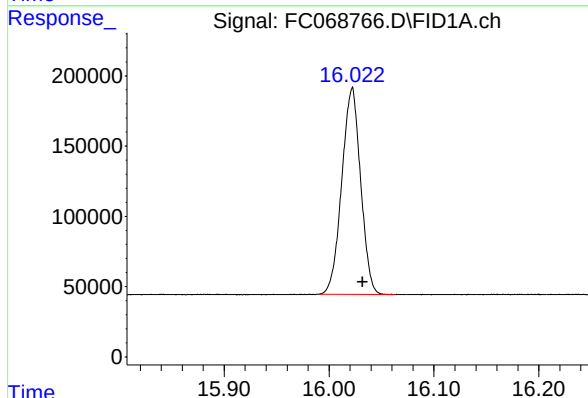
R.T.: 13.895 min
Delta R.T.: -0.010 min
Response: 1857071
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



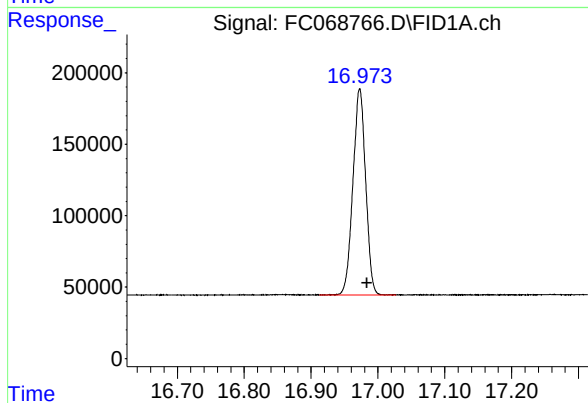
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: -0.009 min
Response: 1847725
Conc: 19.41 ug/ml



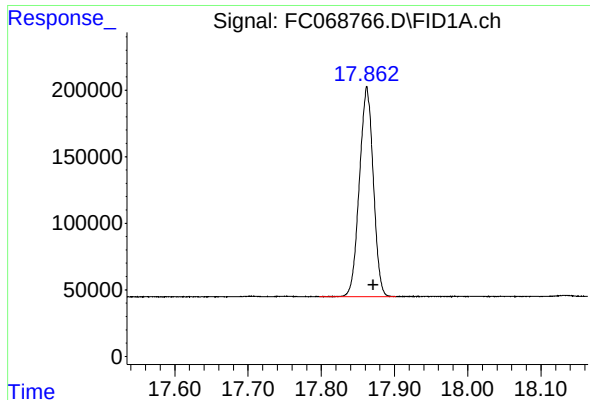
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.010 min
Response: 1836669
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

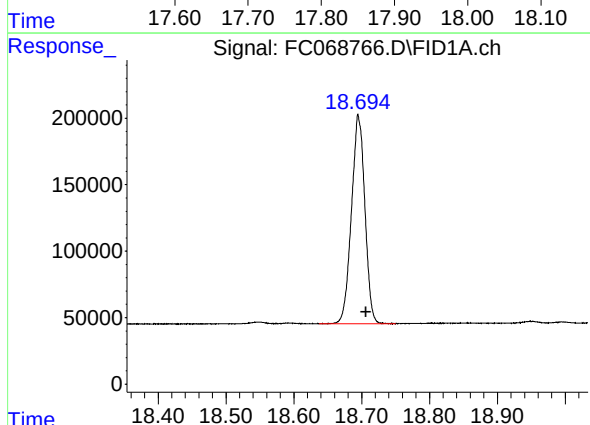
R.T.: 16.973 min
Delta R.T.: -0.011 min
Response: 1901984
Conc: 20.77 ug/ml



#17 n-Tricontane (C30)

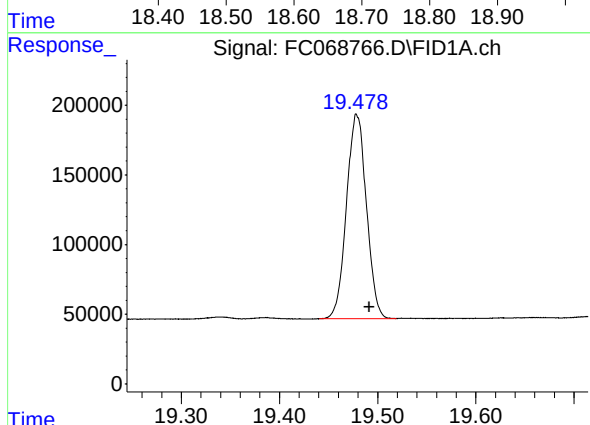
R.T.: 17.862 min
Delta R.T.: -0.009 min
Response: 2074976
Conc: 22.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



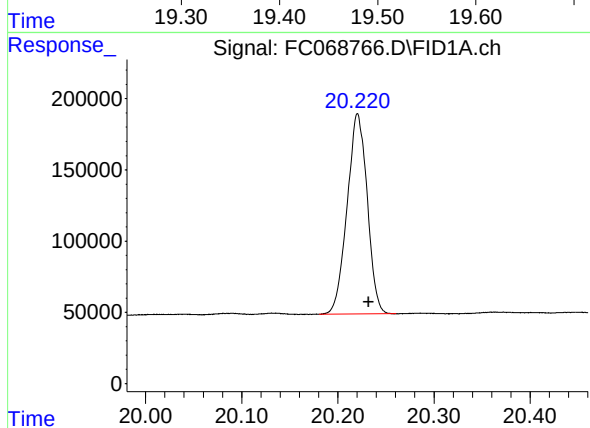
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: -0.011 min
Response: 2156300
Conc: 23.51 ug/ml



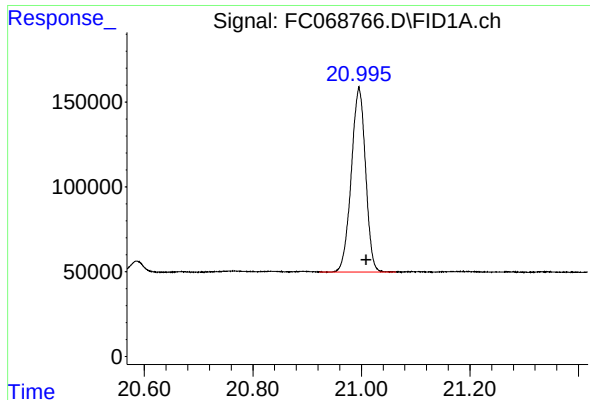
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: -0.013 min
Response: 2072411
Conc: 23.20 ug/ml



#20 n-Hexatriacontane (C36)

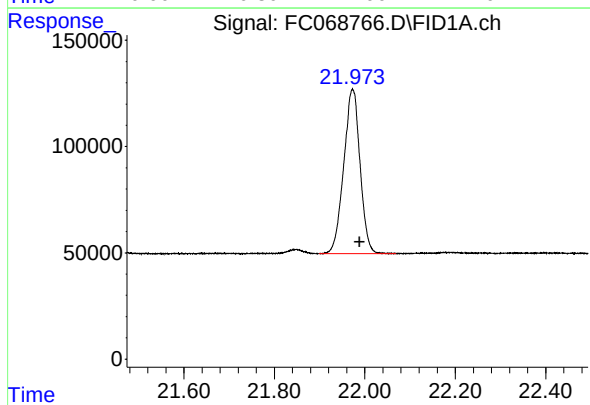
R.T.: 20.221 min
Delta R.T.: -0.011 min
Response: 2048309
Conc: 22.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.014 min
Response: 1983361
Conc: 22.43 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.016 min
Response: 1934574
Conc: 21.91 ug/ml