

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068630.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 10:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 00:22:31 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)	11.717	2248489	17.658 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
12) S 1-chlorooctadecane (S...	13.150	1662283	17.894 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
Target Compounds			
1) T n-Nonane (C9)	3.446	2023118	19.209 ug/ml
2) T n-Decane (C10)	4.522	2093550	19.870 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2288006	19.646 ug/ml
4) T n-Dodecane (C12)	6.547	2068060	19.665 ug/ml
5) T A~2-methylnaphthalene...	7.178	2185207	18.920 ug/ml
6) T n-Tetradecane (C14)	8.345	2008681	19.539 ug/ml
7) T n-Hexadecane (C16)	9.948	2033843	19.971 ug/ml
8) T n-Octadecane (C18)	11.392	2013986	20.013 ug/ml
10) T n-Eicosane (C20)	12.704	1921356	19.534 ug/ml
11) T n-Heneicosane (C21)	13.316	1884261	19.334 ug/ml
13) T n-Docosane (C22)	13.903	1881769	19.481 ug/ml
14) T n-Tetracosane (C24)	15.007	1897355	19.933 ug/ml
15) T n-Hexacosane (C26)	16.030	1883484	20.165 ug/ml
16) T n-Octacosane (C28)	16.983	1941699	21.207 ug/ml
17) T n-Tricontane (C30)	17.871	2137145	23.247 ug/ml
18) T n-Dotriacontane (C32)	18.706	2150539	23.445 ug/ml
19) T n-Tetratriacontane (C34)	19.490	1908715	21.365 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1636228	18.266 ug/ml
21) T n-Octatriacontane (C38)	21.007	1500377	16.970 ug/ml
22) T n-Tetracontane (C40)	21.987	1430305	16.197 ug/ml

(f)=RT Delta > 1/2 Window

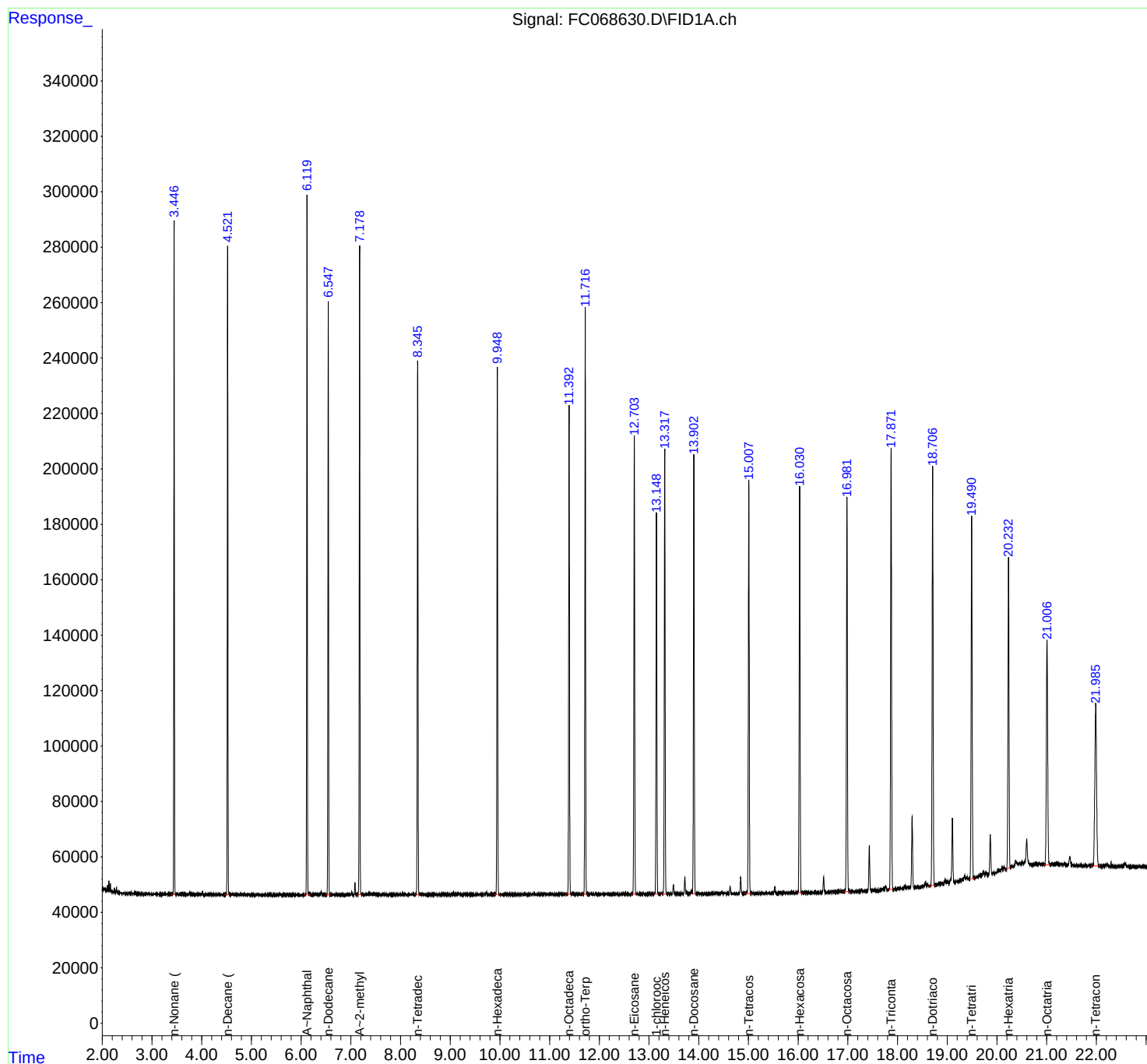
(m)=manual int.

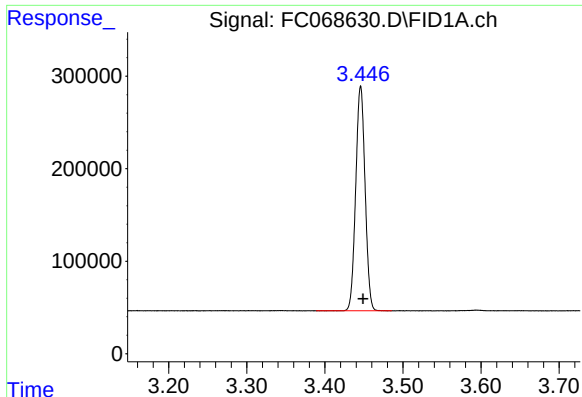
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
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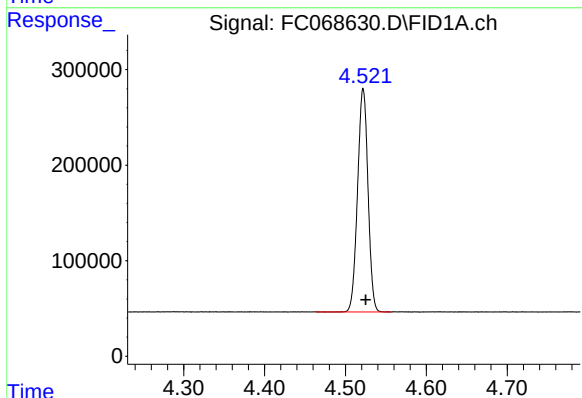




#1 n-Nonane (C9)

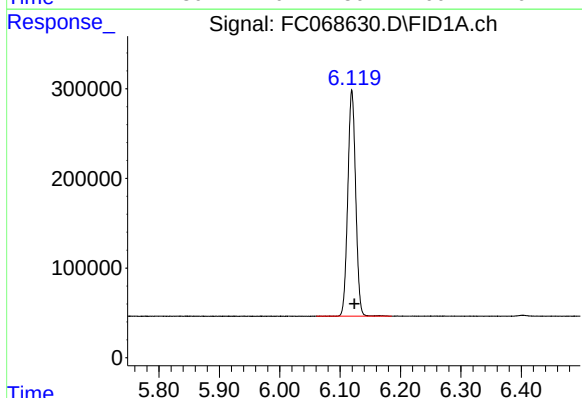
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2023118
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



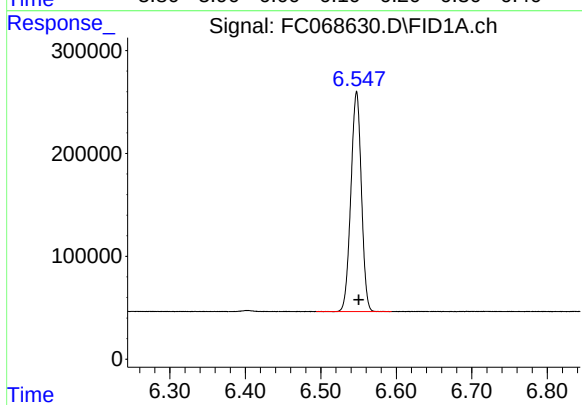
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2093550
Conc: 19.87 ug/ml



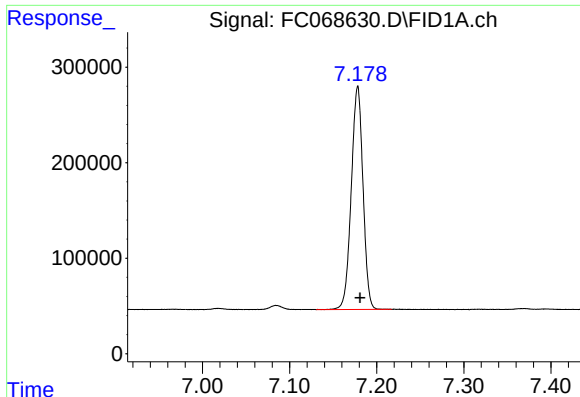
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 2288006
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

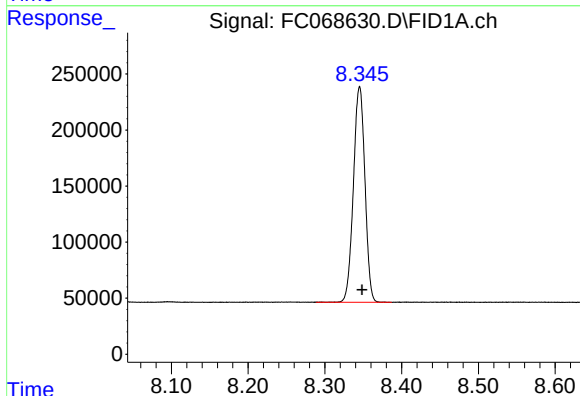
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 2068060
Conc: 19.67 ug/ml



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

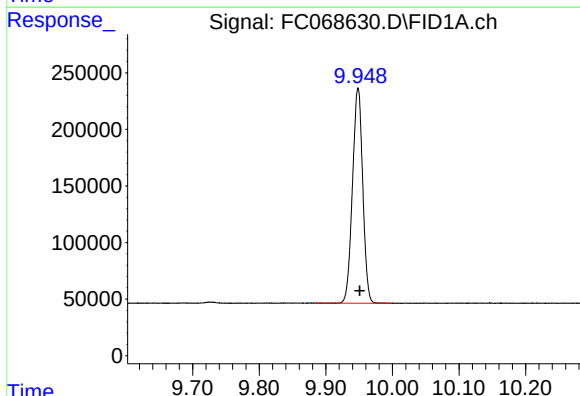
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 2185207
Conc: 18.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



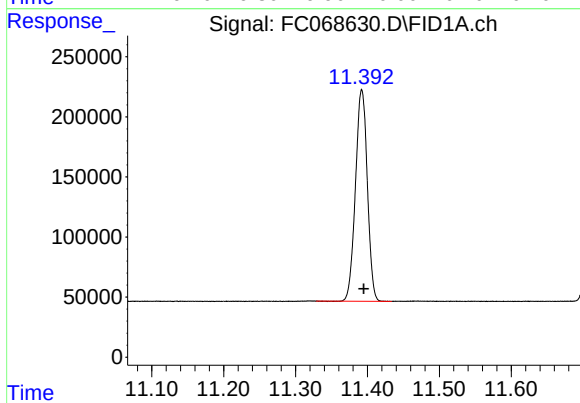
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 2008681
Conc: 19.54 ug/ml



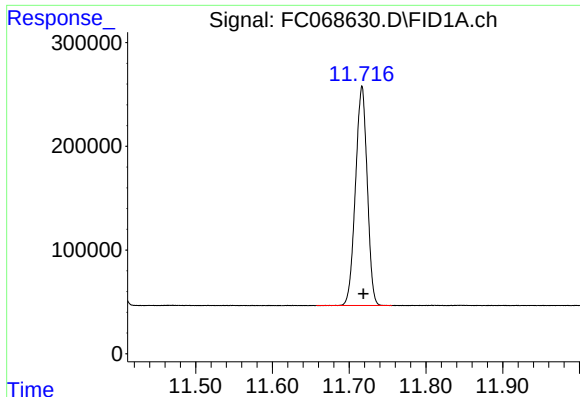
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 2033843
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

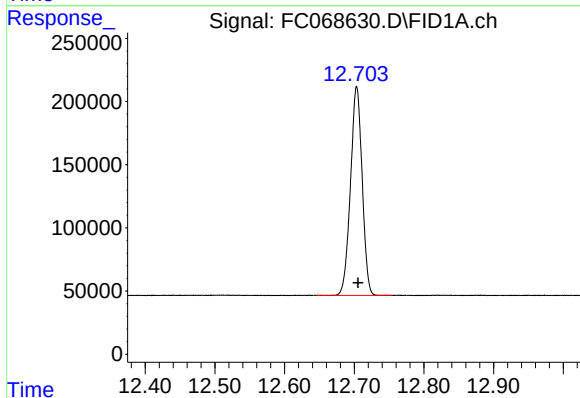
R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 2013986
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

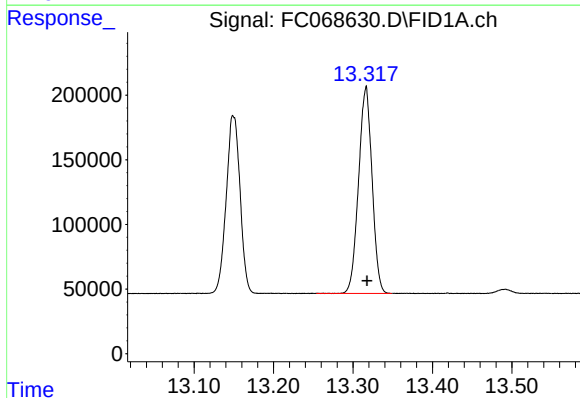
R.T.: 11.717 min
Delta R.T.: -0.002 min
Response: 2248489
Conc: 17.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



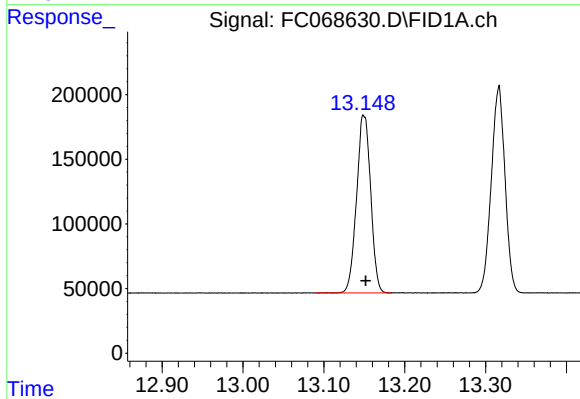
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 1921356
Conc: 19.53 ug/ml



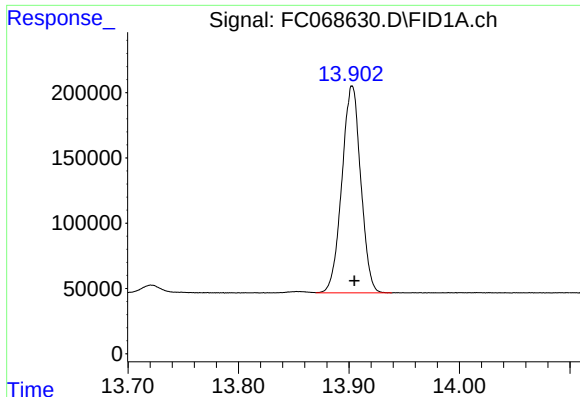
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 1884261
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

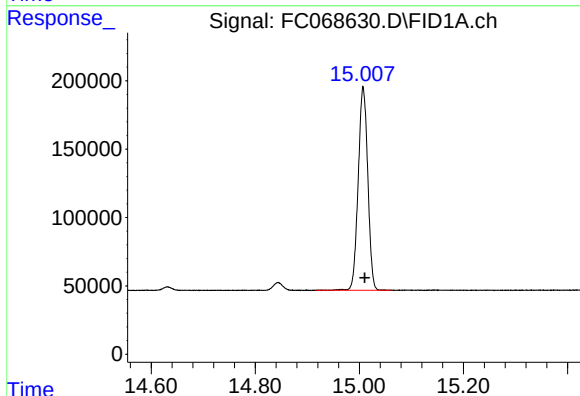
R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 1662283
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

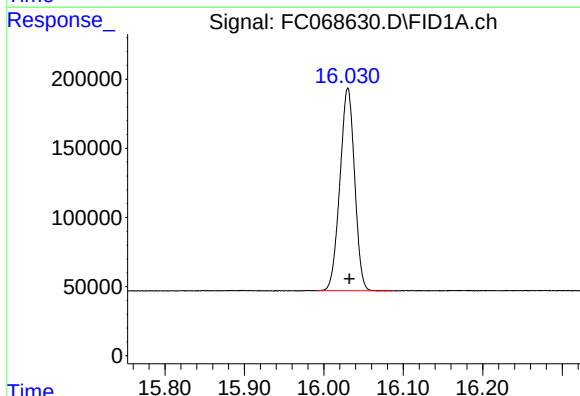
R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 1881769
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



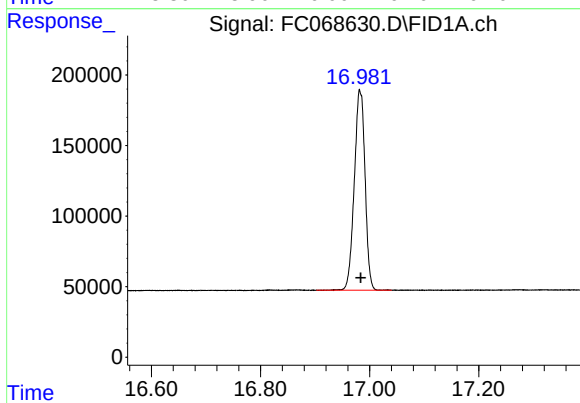
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: -0.003 min
Response: 1897355
Conc: 19.93 ug/ml



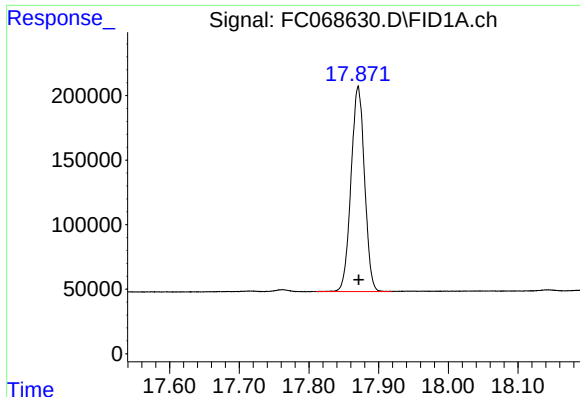
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.002 min
Response: 1883484
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

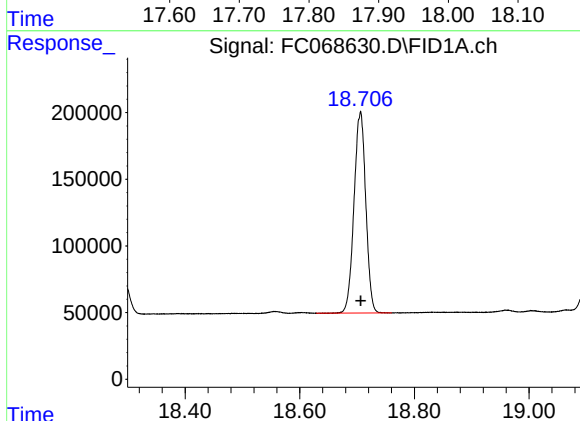
R.T.: 16.983 min
Delta R.T.: -0.001 min
Response: 1941699
Conc: 21.21 ug/ml



#17 n-Tricontane (C30)

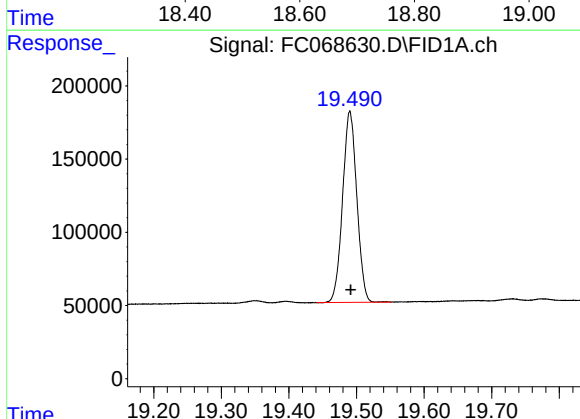
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 2137145
Conc: 23.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



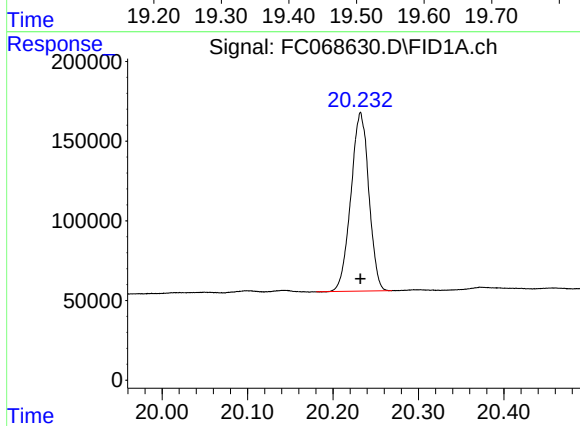
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 2150539
Conc: 23.44 ug/ml



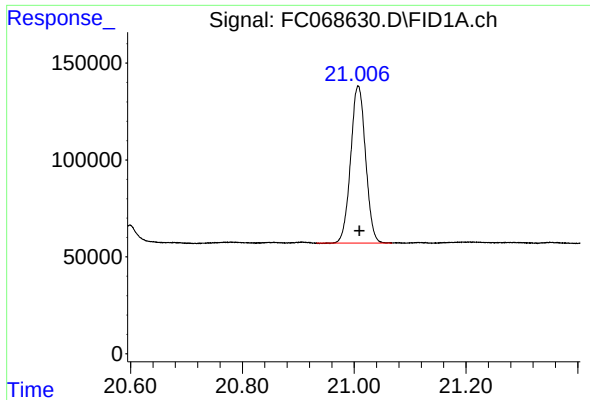
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min
Delta R.T.: -0.001 min
Response: 1908715
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

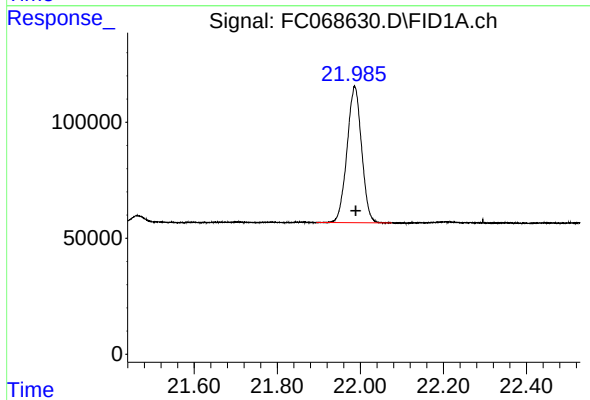
R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 1636228
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.007 min
Delta R.T.: -0.002 min
Response: 1500377
Conc: 16.97 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.002 min
Response: 1430305
Conc: 16.20 ug/ml