

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042525AL\
 Data File : FC068698.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2025 19:04
 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: Apr 26 00:17:53 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)	11.720	2517902	19.773 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	13.153	1845880	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.447	2207940	20.963 ug/ml
2) T n-Decane (C10)	4.522	2202930	20.909 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2392001	20.539 ug/ml
4) T n-Dodecane (C12)	6.549	2178219	20.713 ug/ml
5) T A~2-methylnaphthalene...	7.180	2344899	20.303 ug/ml
6) T n-Tetradecane (C14)	8.347	2109353	20.518 ug/ml
7) T n-Hexadecane (C16)	9.951	2074627	20.371 ug/ml
8) T n-Octadecane (C18)	11.395	2044008	20.312 ug/ml
10) T n-Eicosane (C20)	12.707	1976240	20.092 ug/ml
11) T n-Heneicosane (C21)	13.320	1949958	20.008 ug/ml
13) T n-Docosane (C22)	13.907	1923673	19.915 ug/ml
14) T n-Tetracosane (C24)	15.011	1888253	19.838 ug/ml
15) T n-Hexacosane (C26)	16.034	1852757	19.836 ug/ml
16) T n-Octacosane (C28)	16.986	1834066	20.032 ug/ml
17) T n-Tricontane (C30)	17.875	1876814	20.415 ug/ml
18) T n-Dotriacontane (C32)	18.710	1915731	20.885 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1886628	21.118 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1922037	21.456 ug/ml
21) T n-Octatriacontane (C38)	21.015	1950639	22.063 ug/ml
22) T n-Tetracontane (C40)	21.997	1989312	22.527 ug/ml

(f)=RT Delta > 1/2 Window

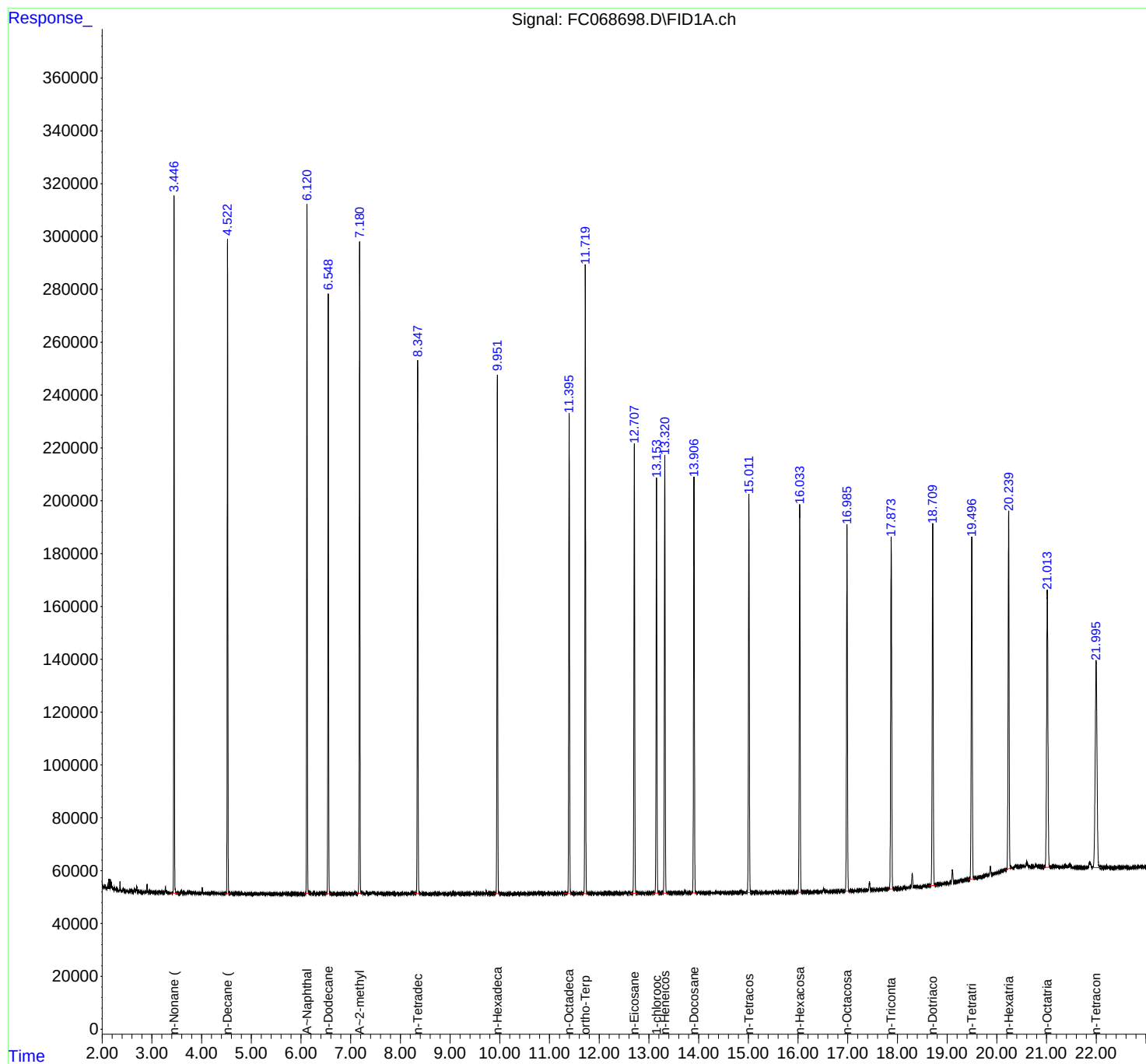
(m)=manual int.

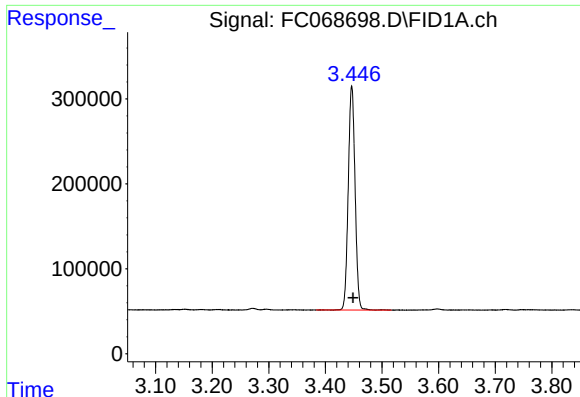
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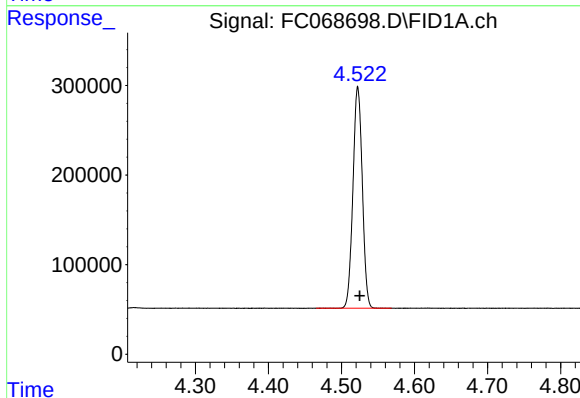




#1 n-Nonane (C9)

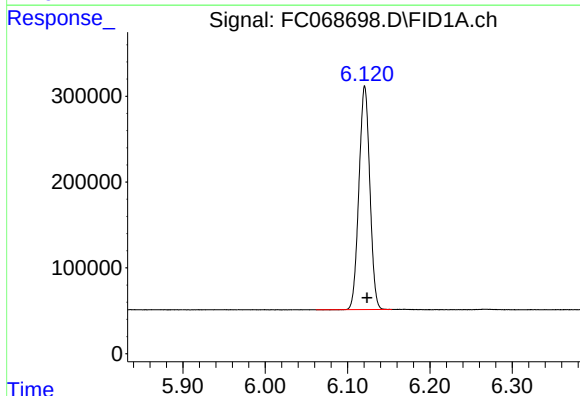
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2207940
Conc: 20.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



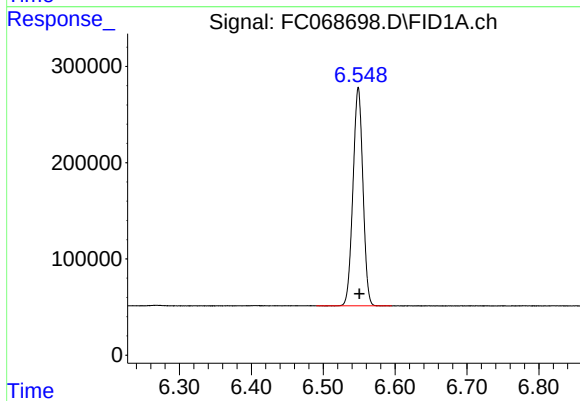
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2202930
Conc: 20.91 ug/ml



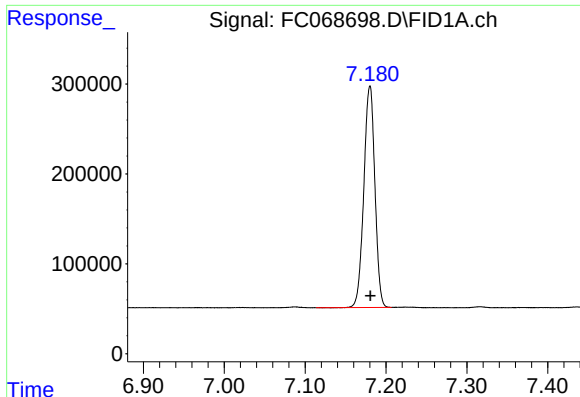
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 2392001
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

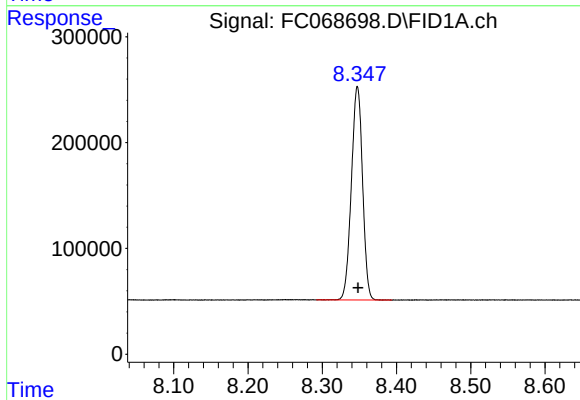
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 2178219
Conc: 20.71 ug/ml



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

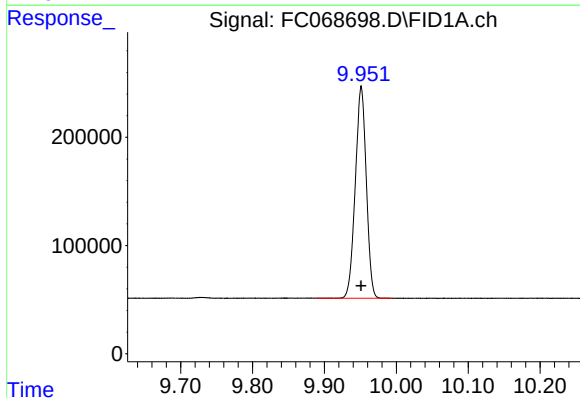
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 2344899
Conc: 20.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



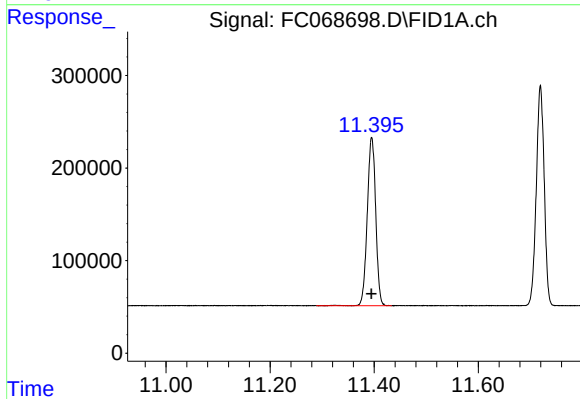
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: -0.001 min
Response: 2109353
Conc: 20.52 ug/ml



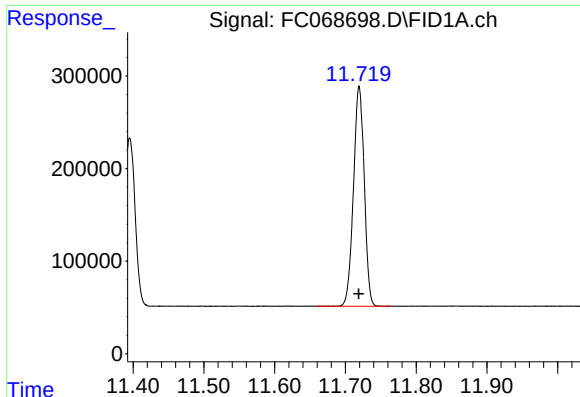
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 2074627
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

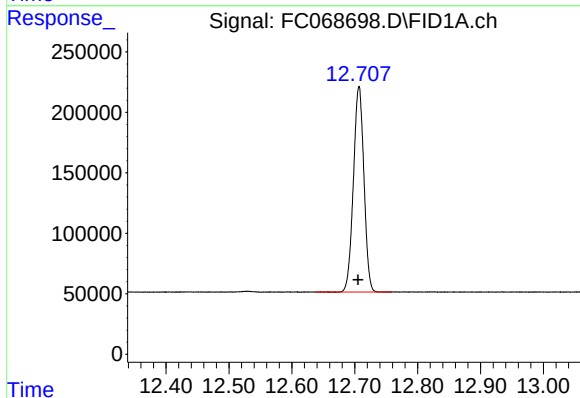
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 2044008
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

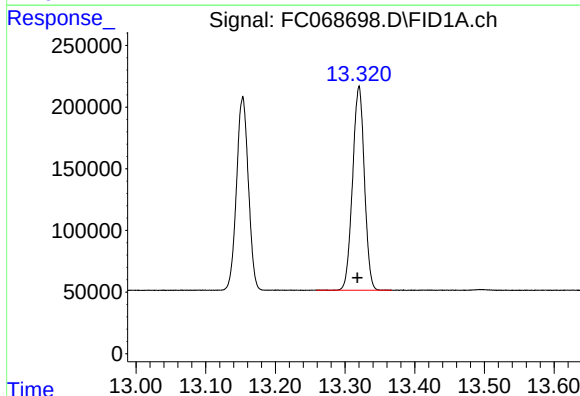
R.T.: 11.720 min
Delta R.T.: 0.000 min
Response: 2517902
Conc: 19.77 ug/ml

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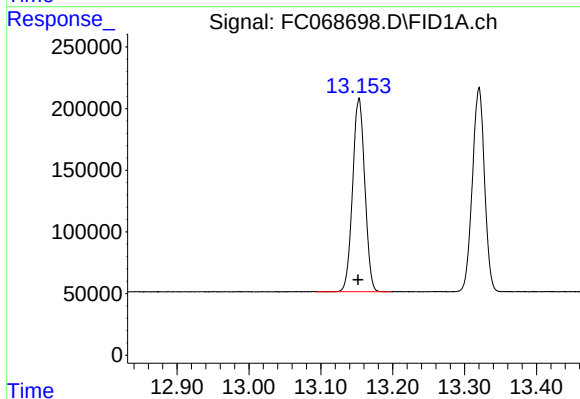
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.001 min
Response: 1976240
Conc: 20.09 ug/ml



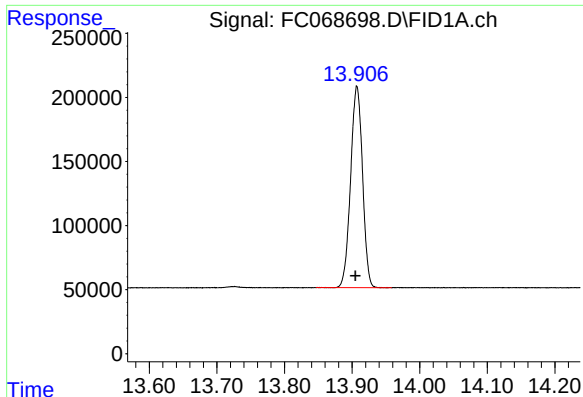
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 1949958
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

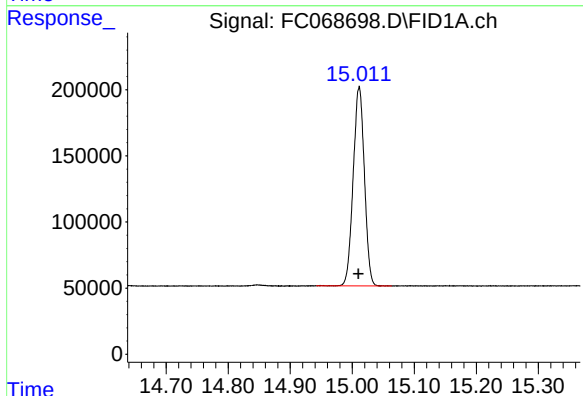
R.T.: 13.153 min
Delta R.T.: 0.001 min
Response: 1845880
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

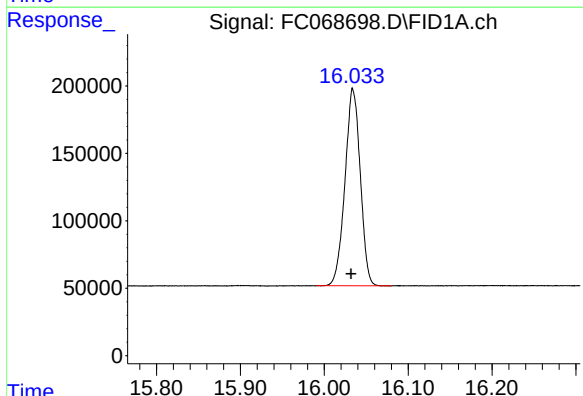
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 1923673
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



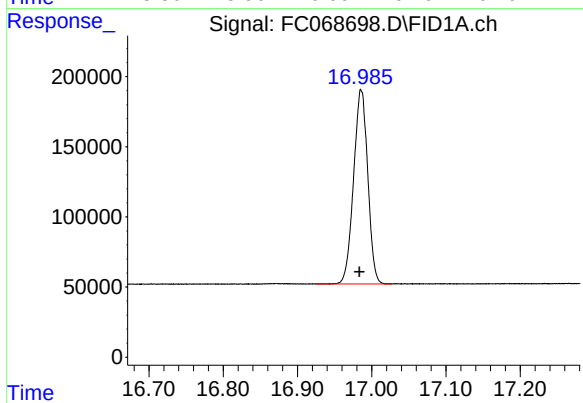
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.001 min
Response: 1888253
Conc: 19.84 ug/ml



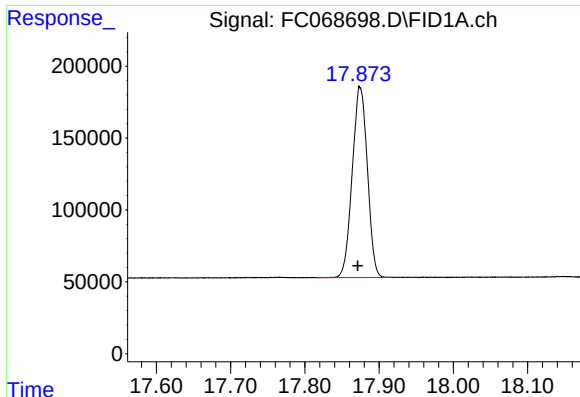
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.003 min
Response: 1852757
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

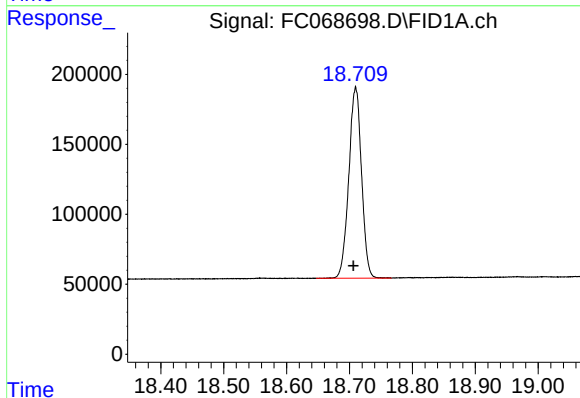
R.T.: 16.986 min
Delta R.T.: 0.002 min
Response: 1834066
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

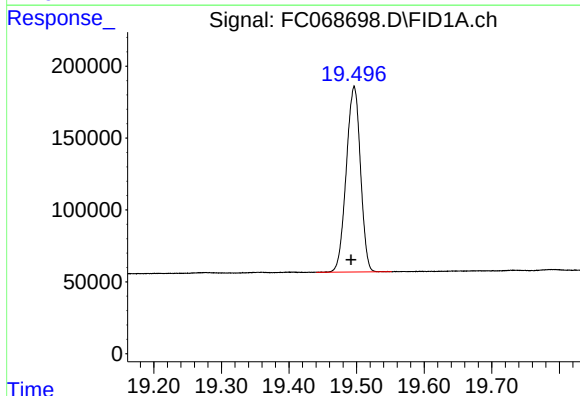
R.T.: 17.875 min
Delta R.T.: 0.003 min
Response: 1876814
Conc: 20.42 ug/ml

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20 PPM ALIPHATIC HC STD



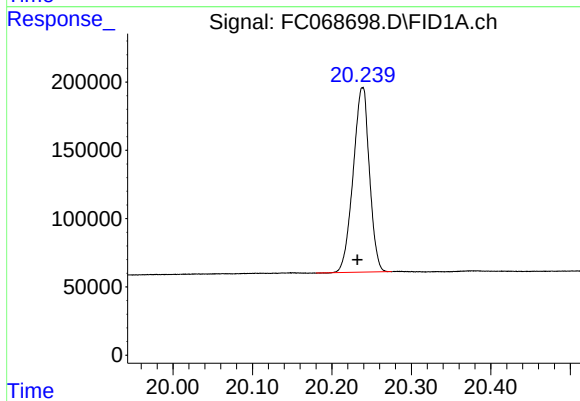
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.003 min
Response: 1915731
Conc: 20.88 ug/ml



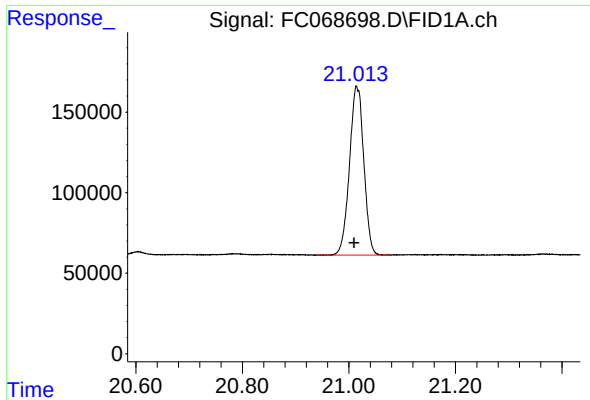
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.005 min
Response: 1886628
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

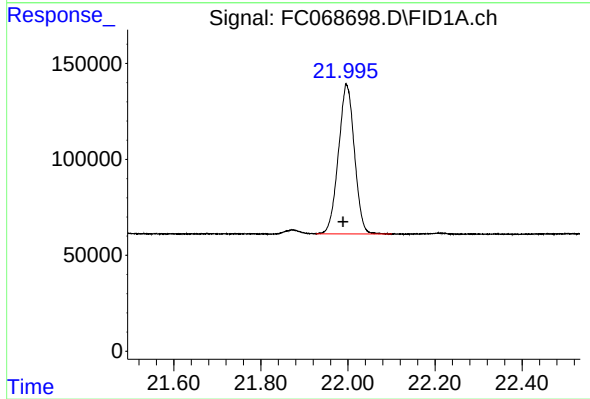
R.T.: 20.238 min
Delta R.T.: 0.006 min
Response: 1922037
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.006 min
Response: 1950639
Conc: 22.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.008 min
Response: 1989312
Conc: 22.53 ug/ml