

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041525AL\
 Data File : FC068606.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2025 11:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 15 20:57:44 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)	11.722	2327618	18.279 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.155	1707488	18.381 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.447	2241130	21.279 ug/ml
2) T n-Decane (C10)	4.523	2259791	21.448 ug/ml
3) T A~Naphthalene (C11.7)	6.123	2471703	21.223 ug/ml
4) T n-Dodecane (C12)	6.550	2184670	20.774 ug/ml
5) T A~2-methylnaphthalene...	7.182	2341129	20.270 ug/ml
6) T n-Tetradecane (C14)	8.349	2067664	20.113 ug/ml
7) T n-Hexadecane (C16)	9.952	2061430	20.242 ug/ml
8) T n-Octadecane (C18)	11.396	2038465	20.256 ug/ml
10) T n-Eicosane (C20)	12.708	1950662	19.832 ug/ml
11) T n-Heneicosane (C21)	13.320	1920518	19.706 ug/ml
13) T n-Docosane (C22)	13.908	1917053	19.846 ug/ml
14) T n-Tetracosane (C24)	15.013	1930604	20.283 ug/ml
15) T n-Hexacosane (C26)	16.036	1918324	20.538 ug/ml
16) T n-Octacosane (C28)	16.988	1918670	20.956 ug/ml
17) T n-Tricontane (C30)	17.878	1979188	21.529 ug/ml
18) T n-Dotriacontane (C32)	18.713	1944002	21.193 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1749956	19.588 ug/ml
20) T n-Hexatriacontane (C36)	20.242	1572460	17.554 ug/ml
21) T n-Octatriacontane (C38)	21.021	1499899	16.965 ug/ml
22) T n-Tetracontane (C40)	22.005	1469855	16.645 ug/ml

(f)=RT Delta > 1/2 Window

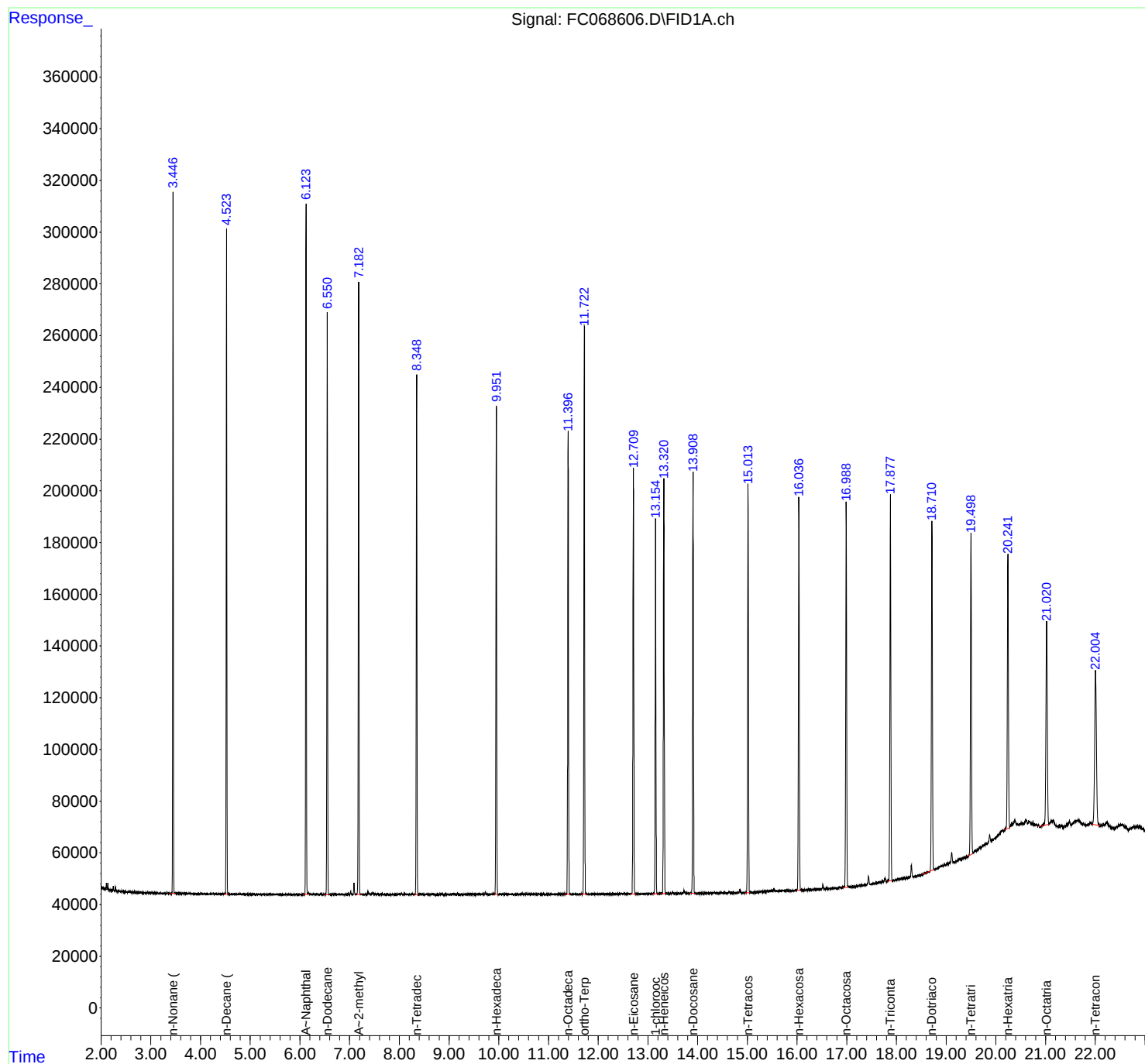
(m)=manual int.

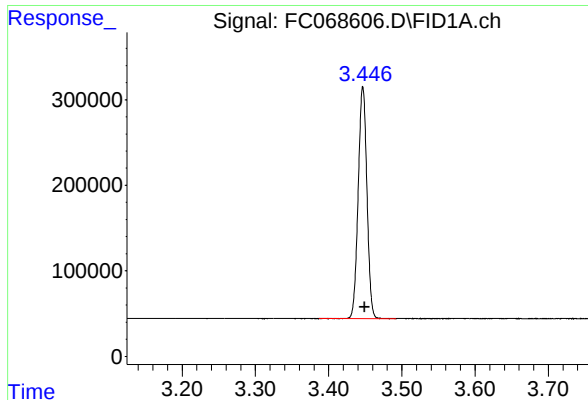
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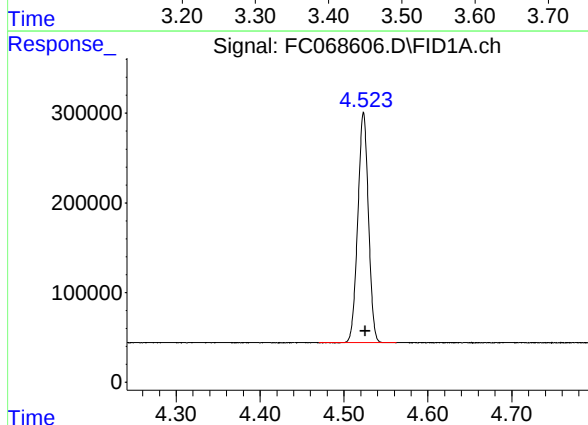




#1 n-Nonane (C9)

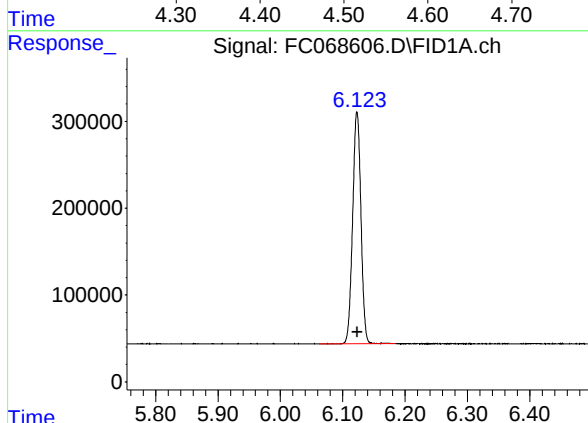
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2241130
Conc: 21.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



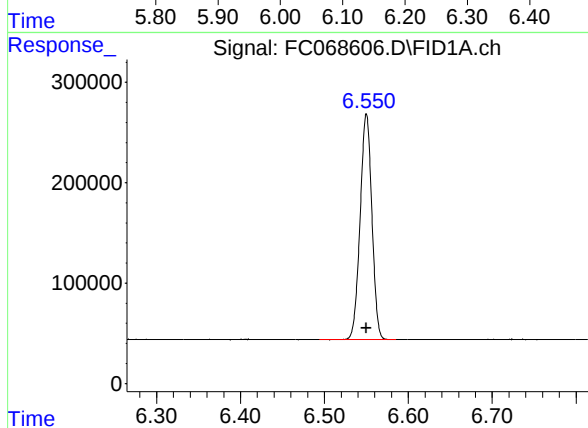
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 2259791
Conc: 21.45 ug/ml



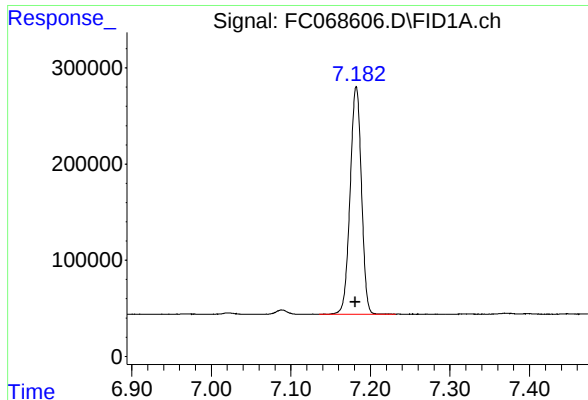
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2471703
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

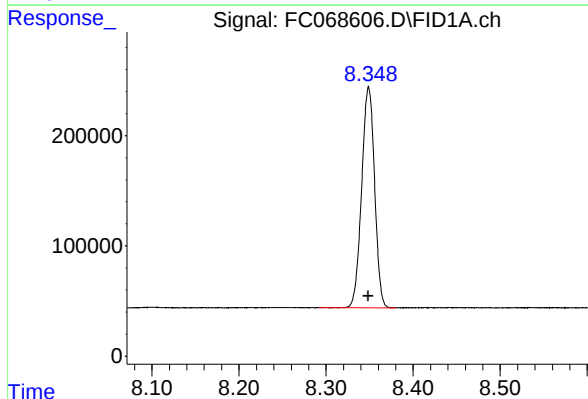
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 2184670
Conc: 20.77 ug/ml



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

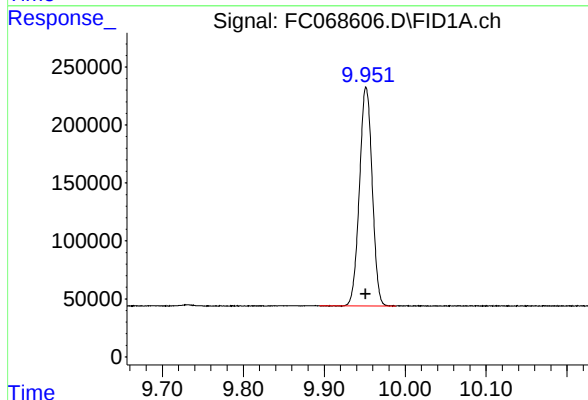
R.T.: 7.182 min
Delta R.T.: 0.001 min
Response: 2341129
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



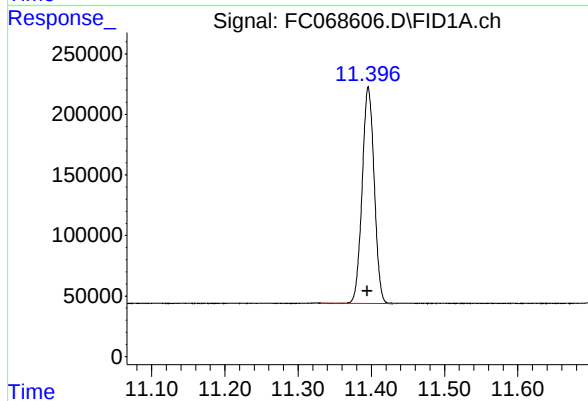
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 2067664
Conc: 20.11 ug/ml



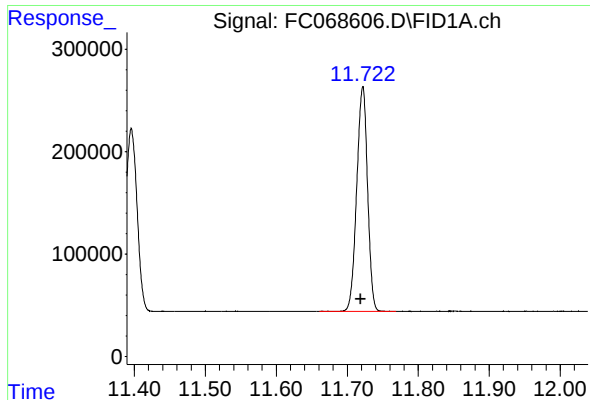
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 2061430
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

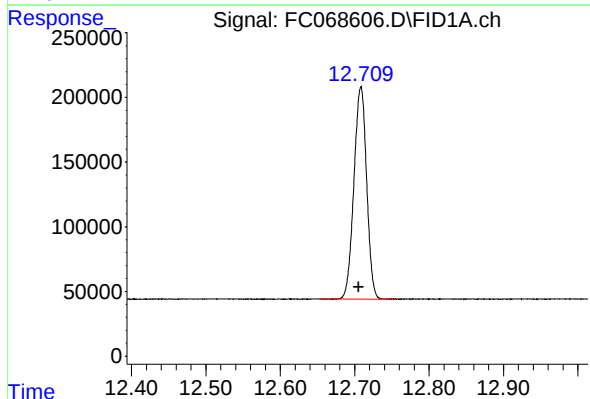
R.T.: 11.396 min
Delta R.T.: 0.001 min
Response: 2038465
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

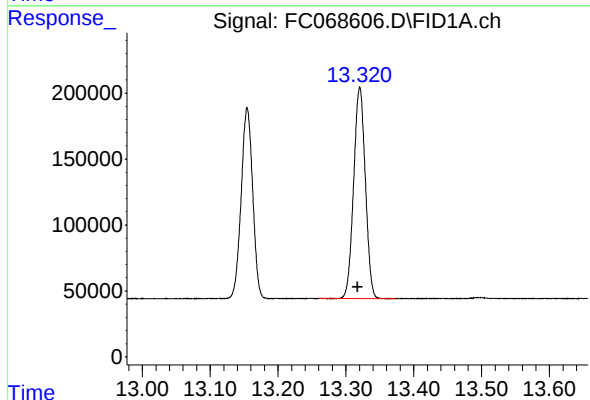
R.T.: 11.722 min
Delta R.T.: 0.003 min
Response: 2327618
Conc: 18.28 ug/ml

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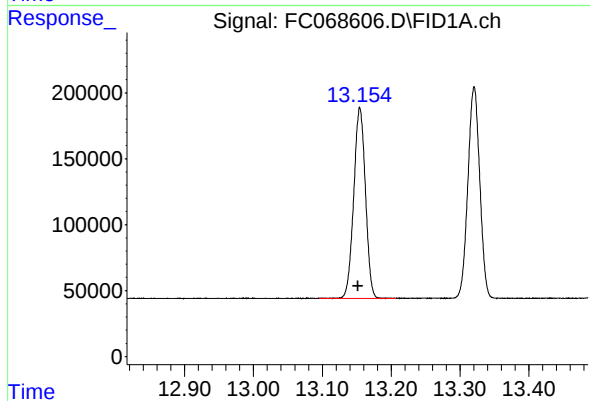
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.003 min
Response: 1950662
Conc: 19.83 ug/ml



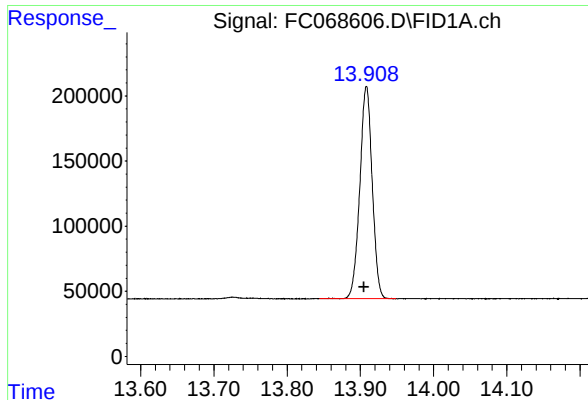
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.003 min
Response: 1920518
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

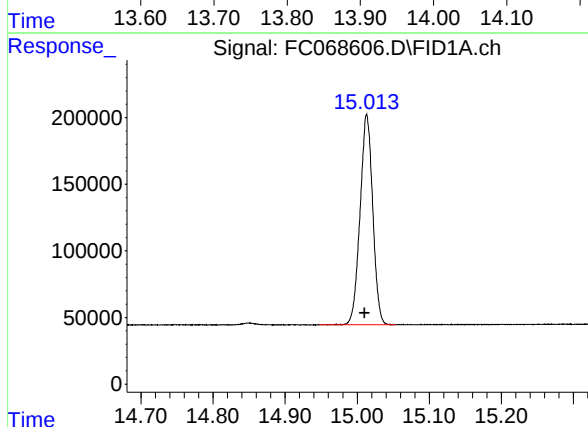
R.T.: 13.155 min
Delta R.T.: 0.003 min
Response: 1707488
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

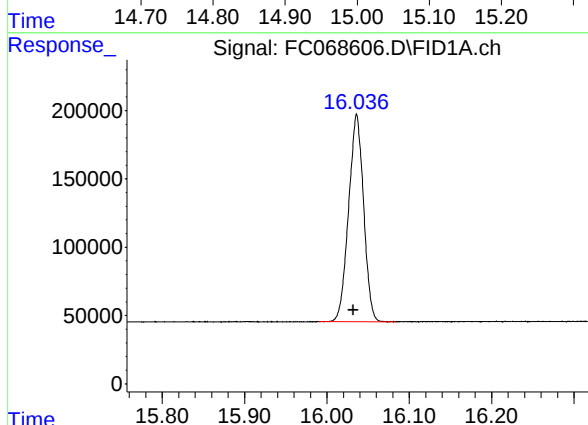
R.T.: 13.908 min
Delta R.T.: 0.003 min
Response: 1917053
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



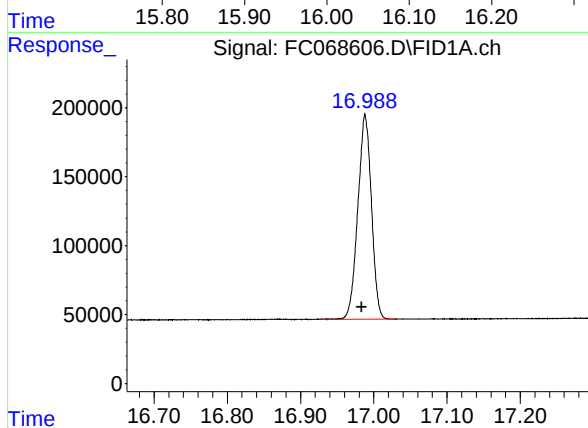
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.003 min
Response: 1930604
Conc: 20.28 ug/ml



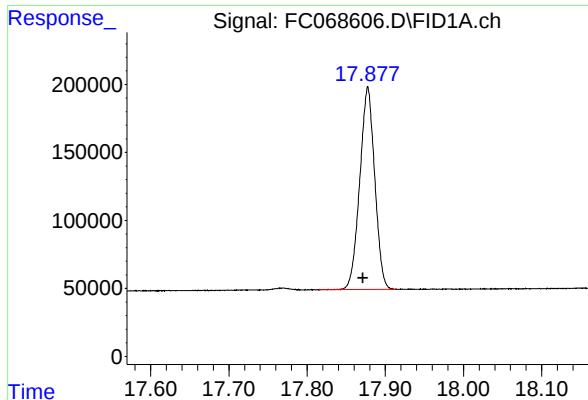
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.004 min
Response: 1918324
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

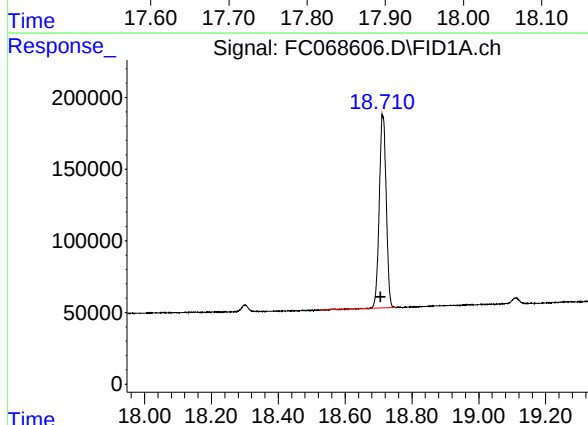
R.T.: 16.988 min
Delta R.T.: 0.005 min
Response: 1918670
Conc: 20.96 ug/ml



#17 n-Tricontane (C30)

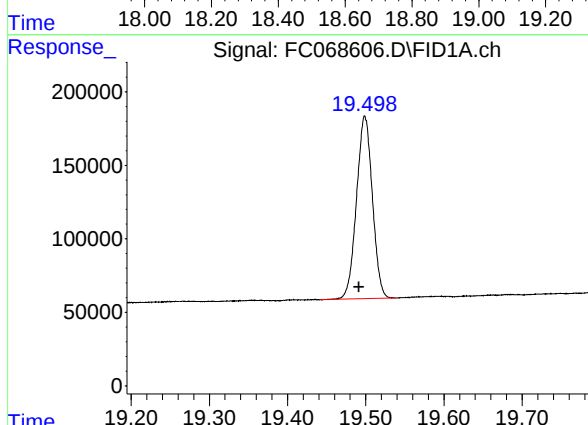
R.T.: 17.878 min
Delta R.T.: 0.006 min
Response: 1979188
Conc: 21.53 ug/ml

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20 PPM ALIPHATIC HC STD



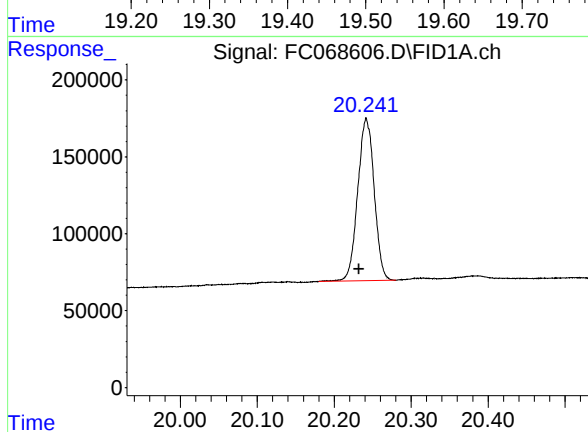
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: 0.007 min
Response: 1944002
Conc: 21.19 ug/ml



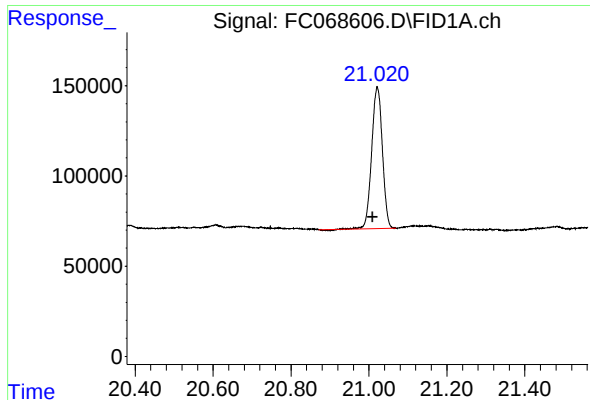
#19 n-Tetatriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.007 min
Response: 1749956
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

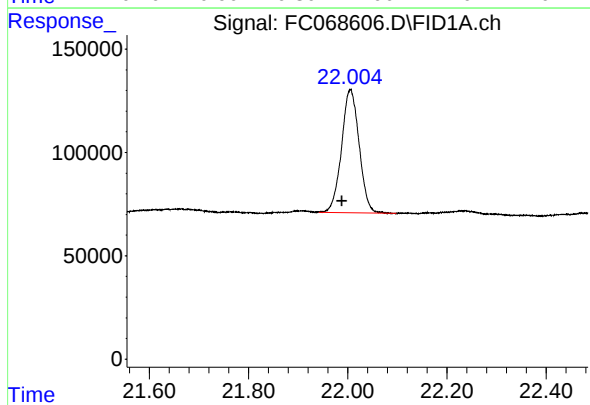
R.T.: 20.242 min
Delta R.T.: 0.010 min
Response: 1572460
Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.021 min
Delta R.T.: 0.012 min
Response: 1499899
Conc: 16.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: 0.016 min
Response: 1469855
Conc: 16.65 ug/ml