

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
 Data File : FG06130.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2025 15:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 03:41:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.092	2622945	20.329 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.533	2036939	20.215 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.418	2173959	20.093 ug/ml
2) T n-Decane (C10)	4.678	2216895	20.210 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2424888	20.295 ug/ml
4) T n-Dodecane (C12)	6.856	2230710	20.259 ug/ml
5) T A~2-methylnaphthalene...	7.496	2367343	20.354 ug/ml
6) T n-Tetradecane (C14)	8.695	2220163	20.217 ug/ml
7) T n-Hexadecane (C16)	10.313	2304514	20.245 ug/ml
8) T n-Octadecane (C18)	11.766	2354085	20.221 ug/ml
10) T n-Eicosane (C20)	13.085	2301553	20.223 ug/ml
11) T n-Heneicosane (C21)	13.701	2286970	20.201 ug/ml
13) T n-Docosane (C22)	14.292	2301395	20.244 ug/ml
14) T n-Tetracosane (C24)	15.402	2337878	20.275 ug/ml
15) T n-Hexacosane (C26)	16.429	2338700	20.323 ug/ml
16) T n-Octacosane (C28)	17.384	2313271	20.383 ug/ml
17) T n-Tricontane (C30)	18.276	2360864	20.621 ug/ml
18) T n-Dotriacontane (C32)	19.113	2256337	20.695 ug/ml
19) T n-Tetratriacontane (C34)	19.899	2036149	20.581 ug/ml
20) T n-Hexatriacontane (C36)	20.642	1741183	20.514 ug/ml
21) T n-Octatriacontane (C38)	21.430	1547013	20.492 ug/ml
22) T n-Tetracontane (C40)	22.432	1422803	20.576 ug/ml

(f)=RT Delta > 1/2 Window

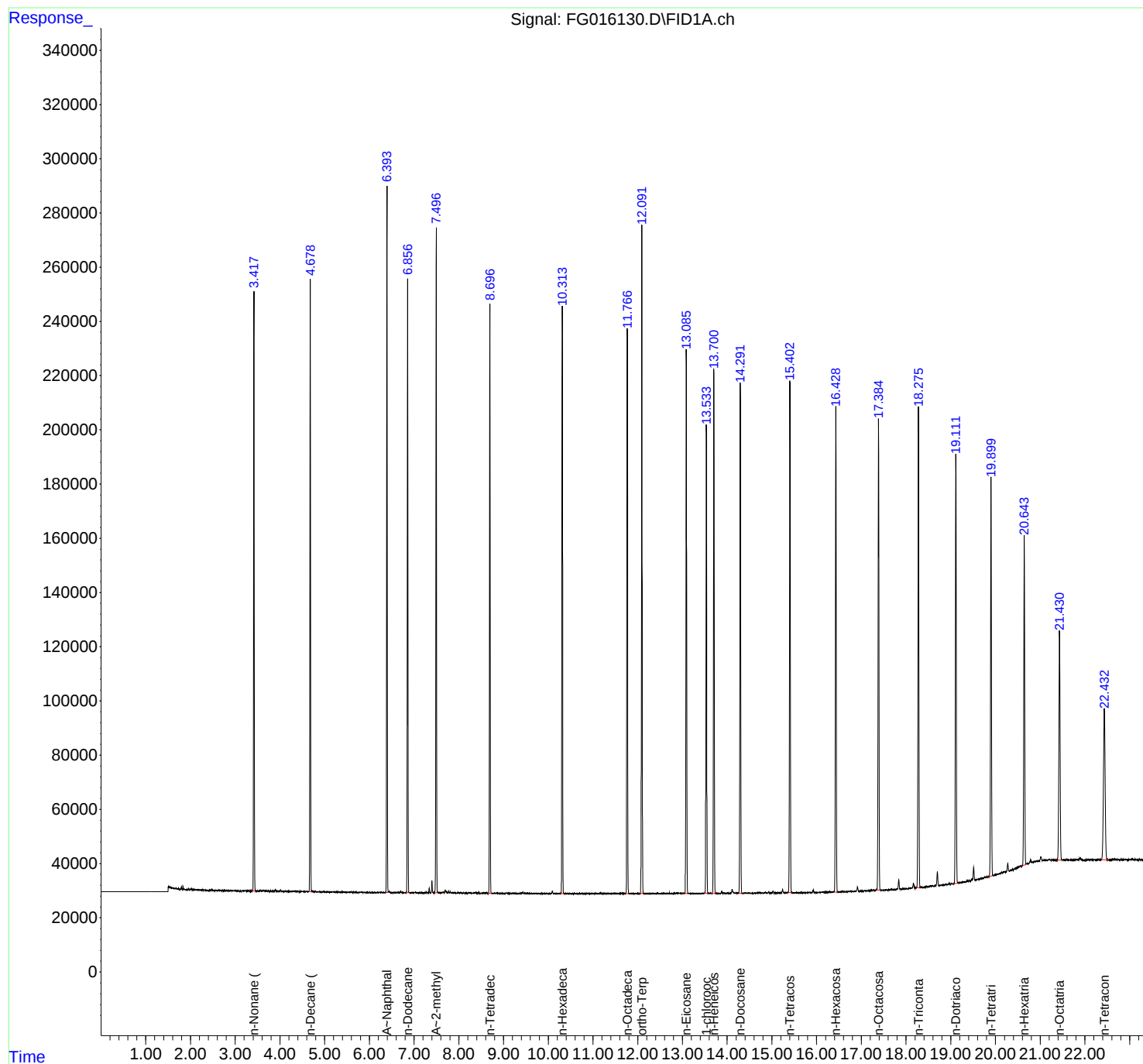
(m)=manual int.

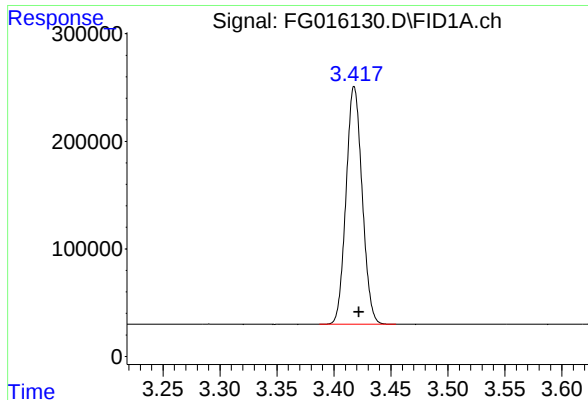
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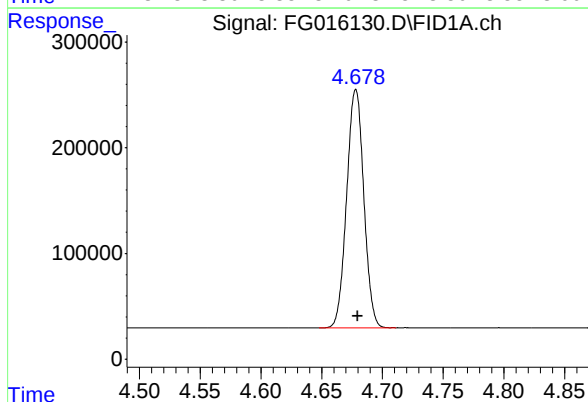




#1 n-Nonane (C9)

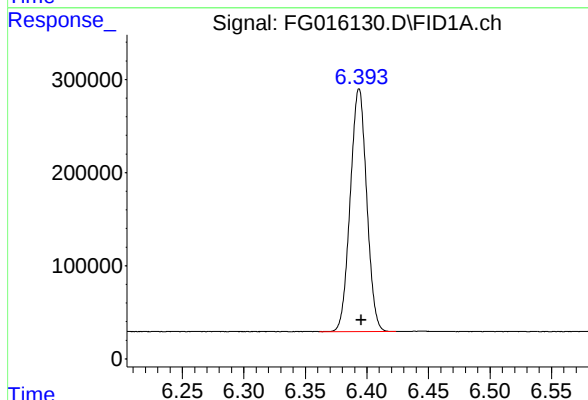
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2173959
Conc: 20.09 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



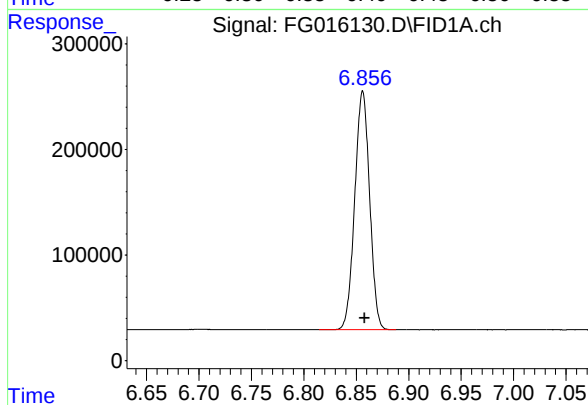
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2216895
Conc: 20.21 ug/ml



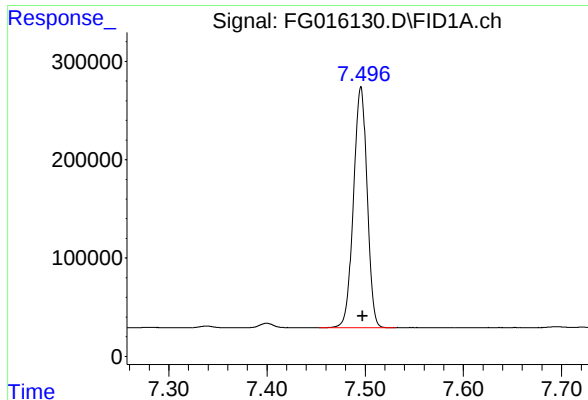
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 2424888
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

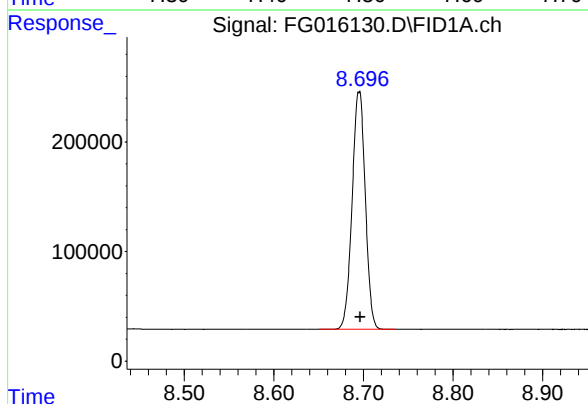
R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 2230710
Conc: 20.26 ug/ml



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

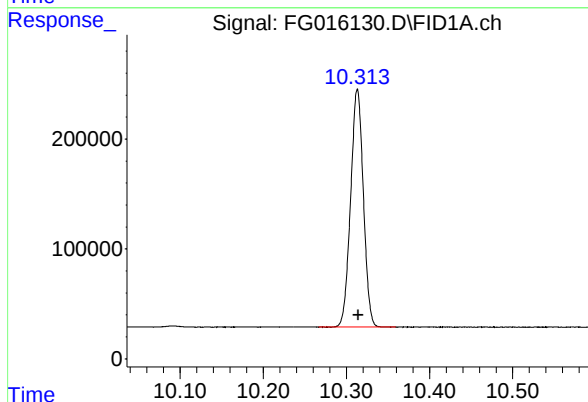
R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 2367343
Conc: 20.35 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



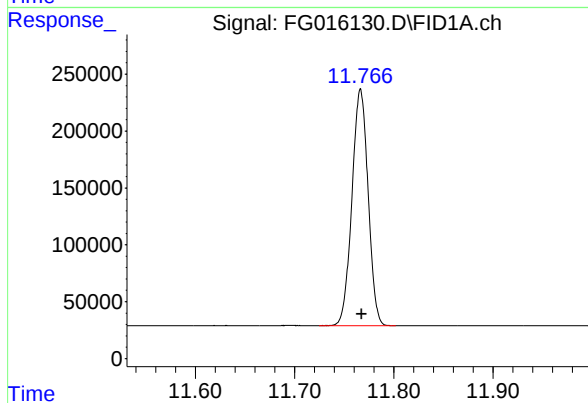
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.001 min
Response: 2220163
Conc: 20.22 ug/ml



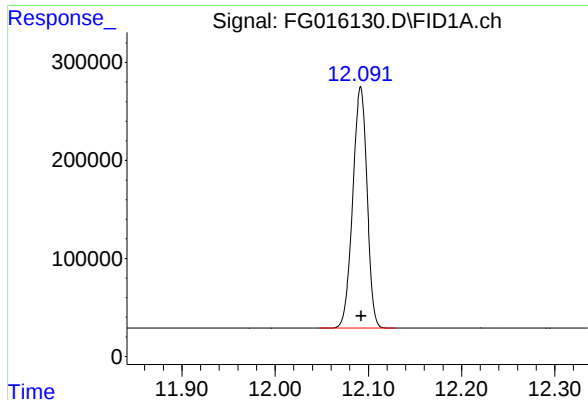
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.001 min
Response: 2304514
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

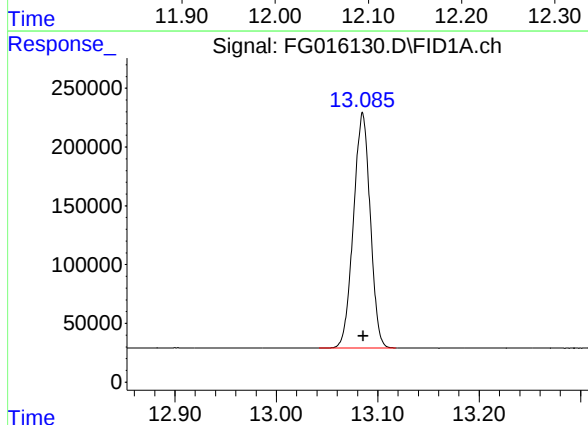
R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 2354085
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

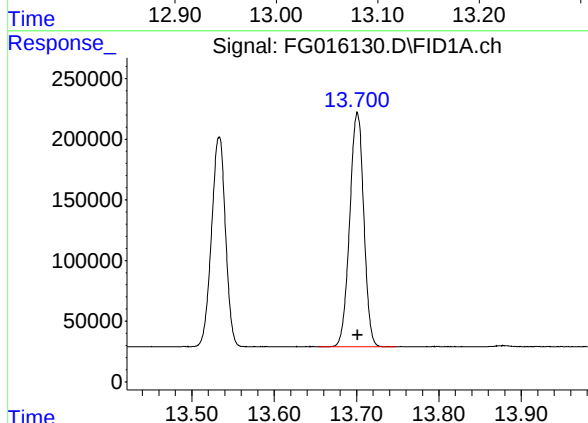
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2622945
Conc: 20.33 ug/ml

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20 PPM ALIPHATIC HC STD



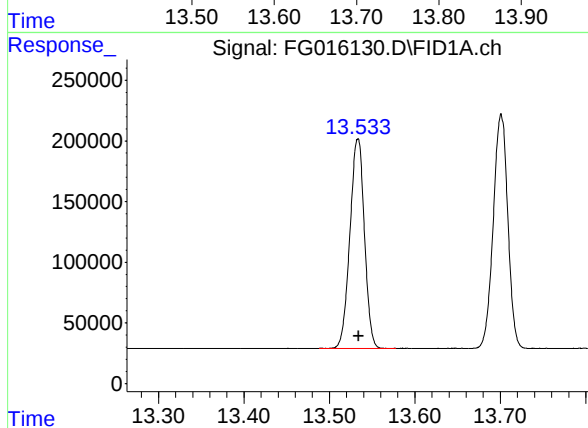
#10 n-Eicosane (C20)

R.T.: 13.085 min
Delta R.T.: 0.000 min
Response: 2301553
Conc: 20.22 ug/ml



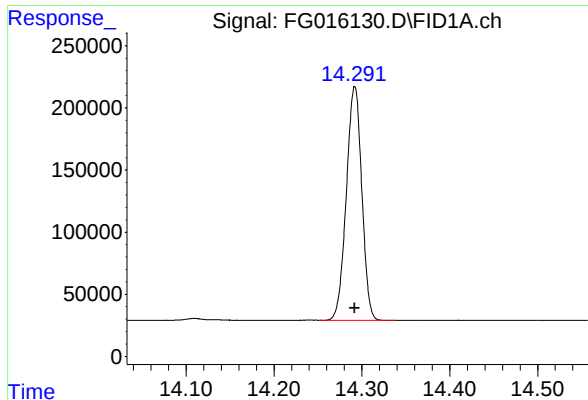
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 2286970
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

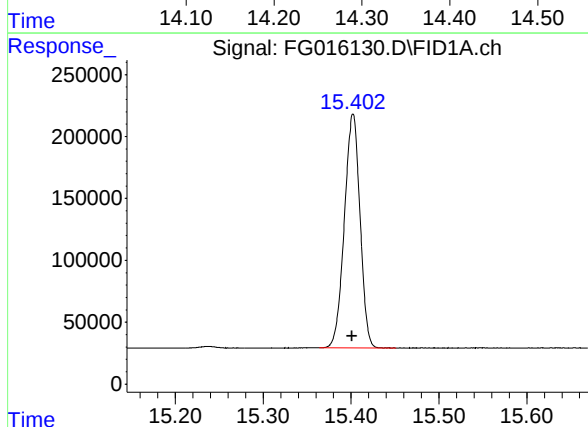
R.T.: 13.533 min
Delta R.T.: -0.001 min
Response: 2036939
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

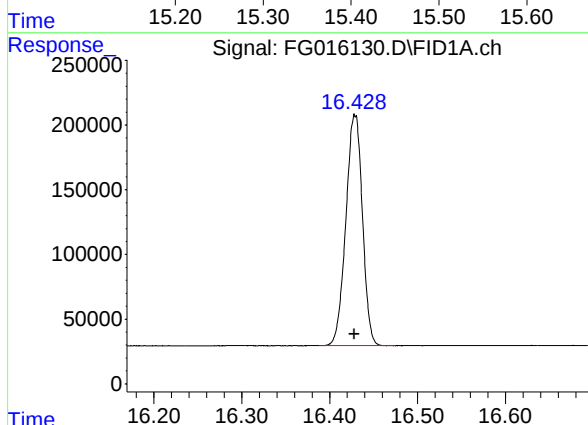
R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 2301395
Conc: 20.24 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



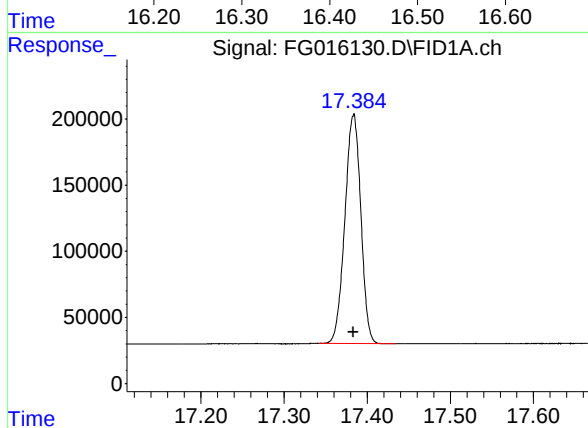
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.001 min
Response: 2337878
Conc: 20.27 ug/ml



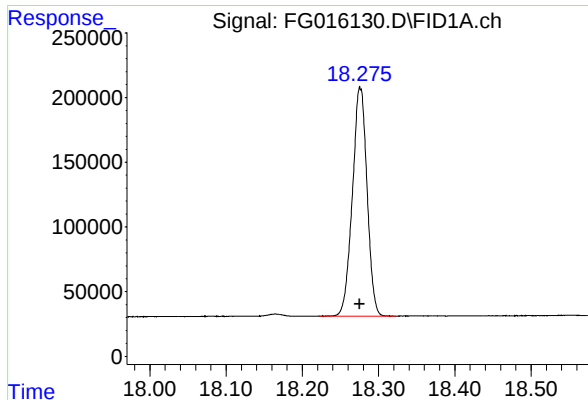
#15 n-Hexacosane (C26)

R.T.: 16.429 min
Delta R.T.: 0.000 min
Response: 2338700
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

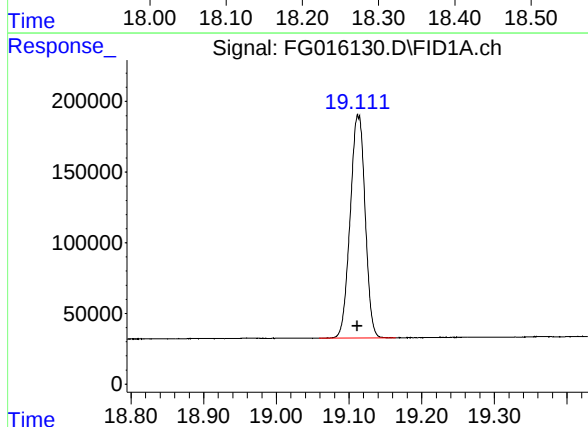
R.T.: 17.384 min
Delta R.T.: 0.000 min
Response: 2313271
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

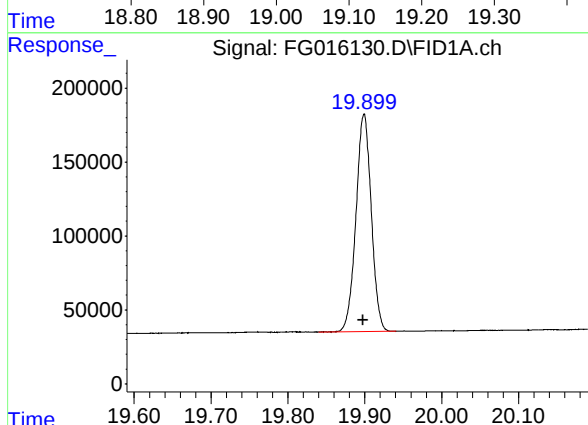
R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 2360864
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



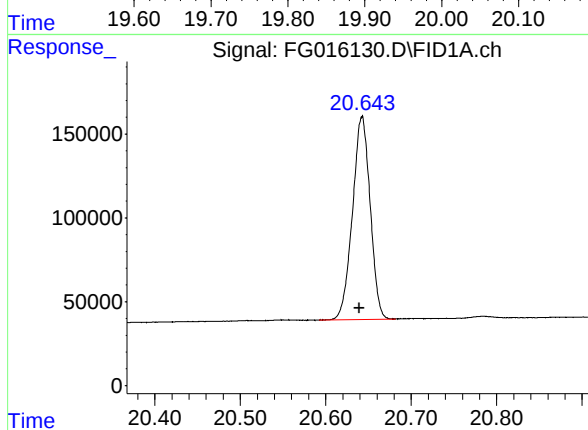
#18 n-Dotriacontane (C32)

R.T.: 19.113 min
Delta R.T.: 0.002 min
Response: 2256337
Conc: 20.69 ug/ml



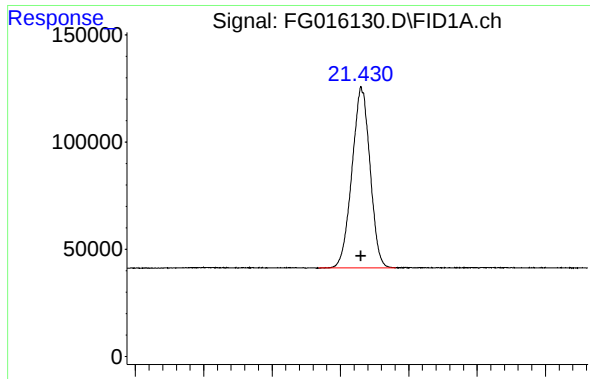
#19 n-Tetatriacontane (C34)

R.T.: 19.899 min
Delta R.T.: 0.001 min
Response: 2036149
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

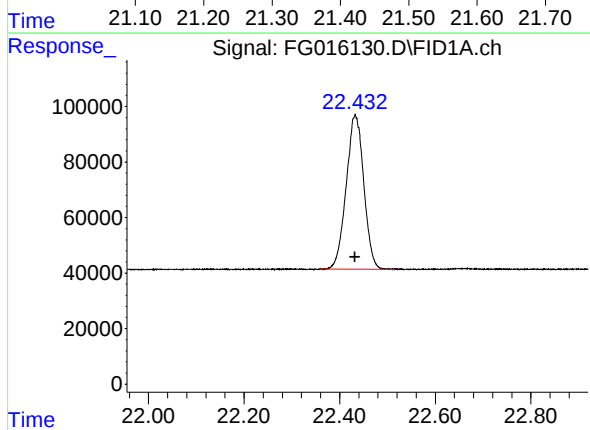
R.T.: 20.642 min
Delta R.T.: 0.003 min
Response: 1741183
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.000 min
Response: 1547013
Conc: 20.49 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.432 min
Delta R.T.: 0.000 min
Response: 1422803
Conc: 20.58 ug/ml