

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060925AL\
 Data File : FG015986.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 10:14
 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 09 10:58:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.875	2812713	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.320	2145363	18.623 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
Target Compounds			
1) T n-Nonane (C9)	3.217	2033949	18.129 ug/ml
2) T n-Decane (C10)	4.479	2086108	18.438 ug/ml
3) T A~Naphthalene (C11.7)	6.194	2153177	18.417 ug/ml
4) T n-Dodecane (C12)	6.661	2168849	18.822 ug/ml
5) T A~2-methylnaphthalene...	7.297	2091141	18.308 ug/ml
6) T n-Tetradecane (C14)	8.498	2202996	19.126 ug/ml
7) T n-Hexadecane (C16)	10.112	2267907	19.176 ug/ml
8) T n-Octadecane (C18)	11.560	2351078	19.341 ug/ml
10) T n-Eicosane (C20)	12.874	2382151	19.438 ug/ml
11) T n-Heneicosane (C21)	13.487	2335013	19.063 ug/ml
13) T n-Docosane (C22)	14.076	2494344	20.473 ug/ml
14) T n-Tetracosane (C24)	15.183	2766394	22.839 ug/ml
15) T n-Hexacosane (C26)	16.207	2907331	24.287 ug/ml
16) T n-Octacosane (C28)	17.161	2939778	24.932 ug/ml
17) T n-Tricontane (C30)	18.050	2935057	24.700 ug/ml
18) T n-Dotriacontane (C32)	18.885	2834809	24.000 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2453511	21.972 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2232714	20.647 ug/ml
21) T n-Octatriacontane (C38)	21.147	2140050	20.602 ug/ml
22) T n-Tetracontane (C40)	22.059	2259111	22.153 ug/ml

(f)=RT Delta > 1/2 Window

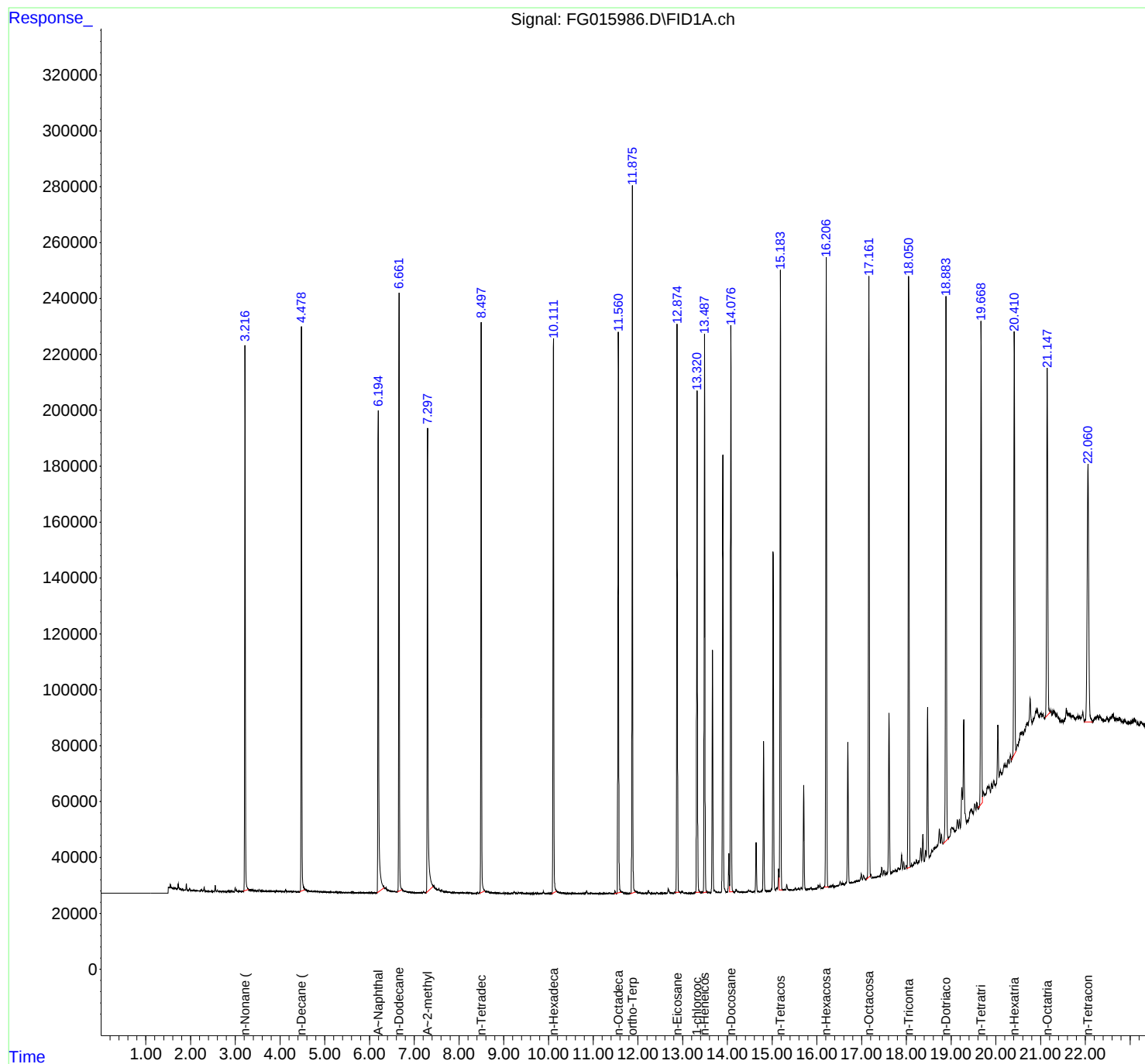
(m)=manual int.

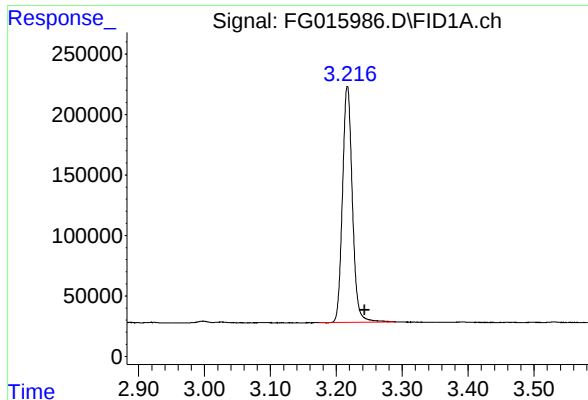
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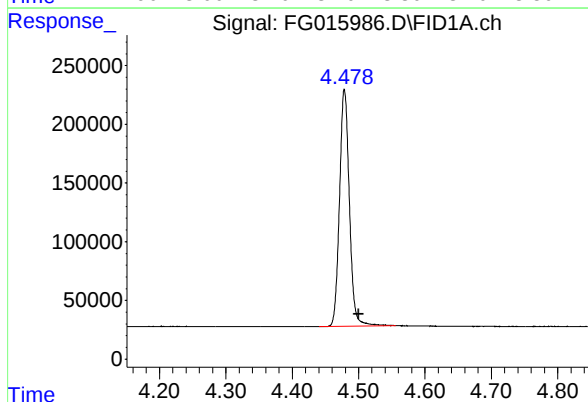




#1 n-Nonane (C9)

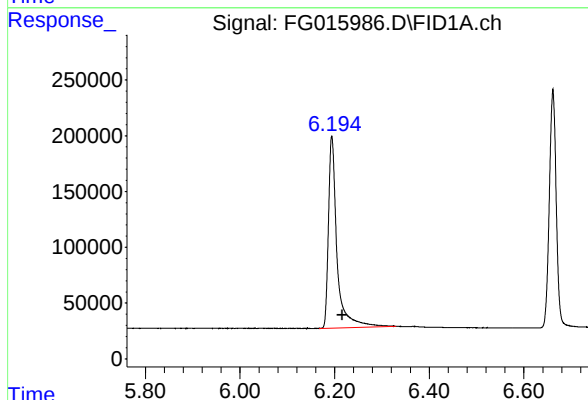
R.T.: 3.217 min
Delta R.T.: -0.026 min
Response: 2033949
Conc: 18.13 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



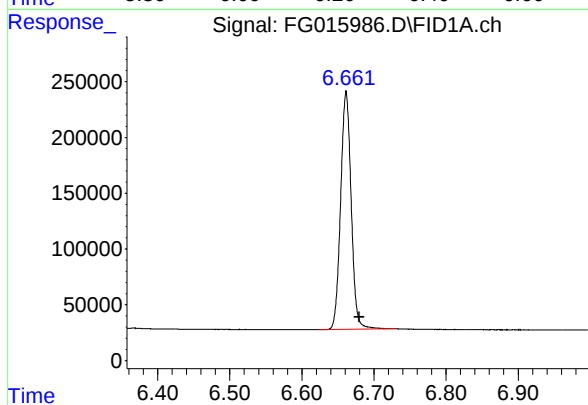
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.022 min
Response: 2086108
Conc: 18.44 ug/ml



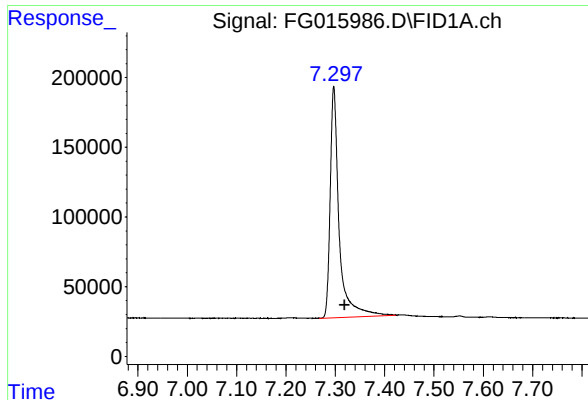
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.023 min
Response: 2153177
Conc: 18.42 ug/ml



#4 n-Dodecane (C12)

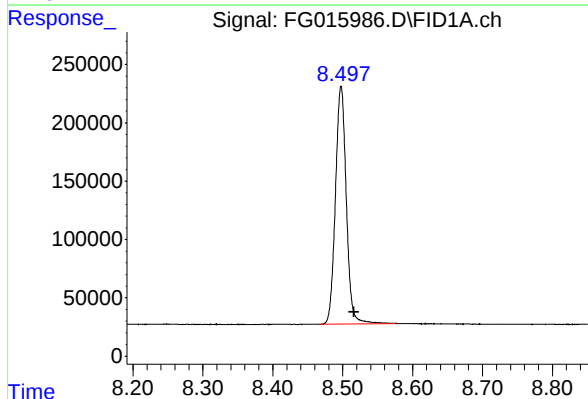
R.T.: 6.661 min
Delta R.T.: -0.018 min
Response: 2168849
Conc: 18.82 ug/ml



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

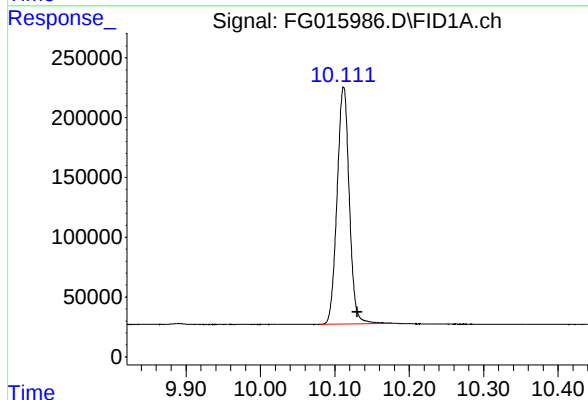
R.T.: 7.297 min
Delta R.T.: -0.022 min
Response: 2091141
Conc: 18.31 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



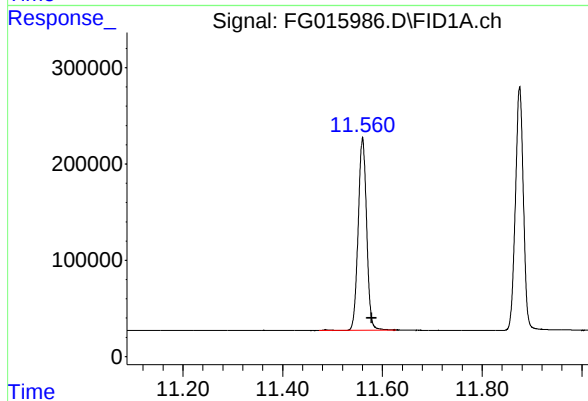
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.019 min
Response: 2202996
Conc: 19.13 ug/ml



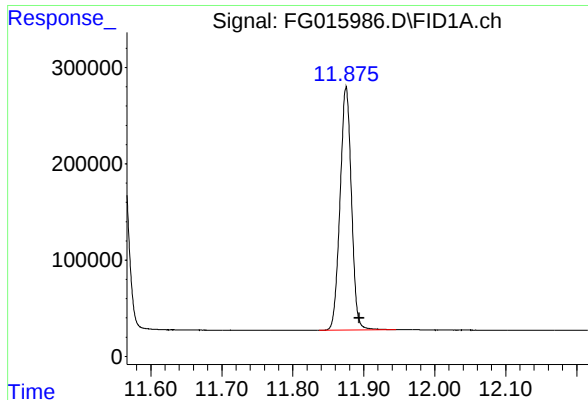
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: -0.018 min
Response: 2267907
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

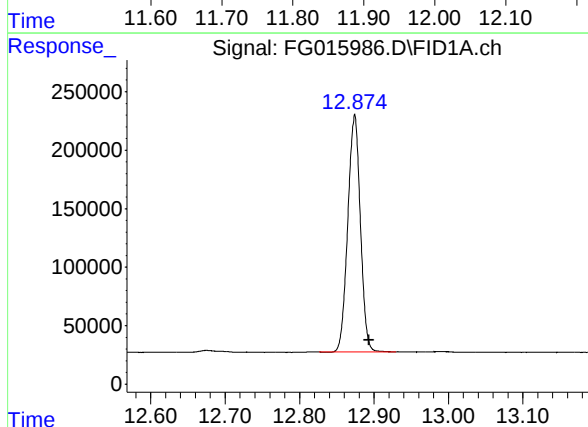
R.T.: 11.560 min
Delta R.T.: -0.018 min
Response: 2351078
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

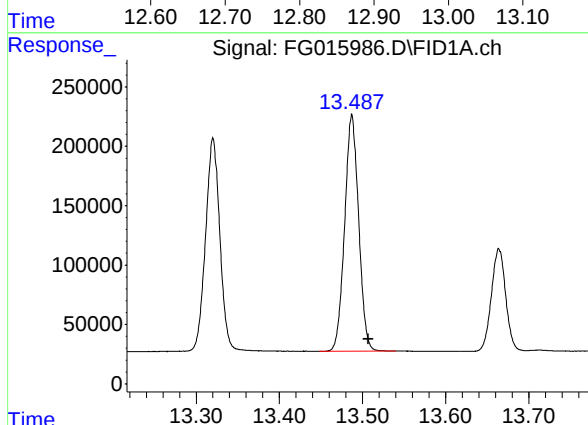
R.T.: 11.875 min
Delta R.T.: -0.019 min
Response: 2812713
Conc: 18.89 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



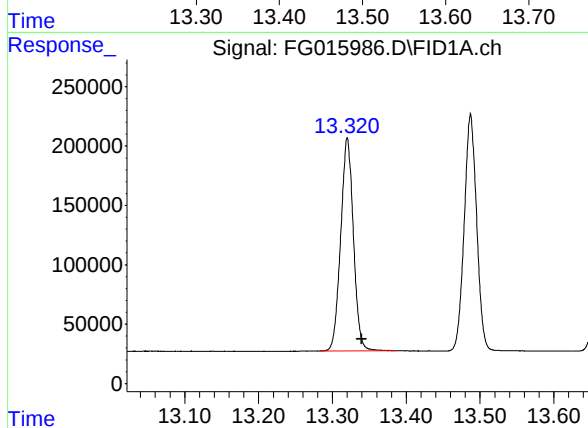
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.019 min
Response: 2382151
Conc: 19.44 ug/ml



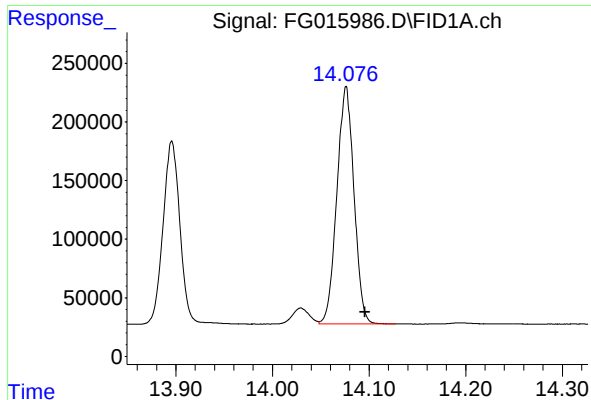
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.020 min
Response: 2335013
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

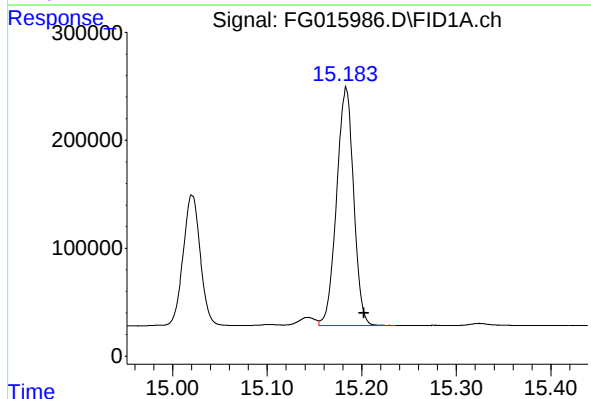
R.T.: 13.320 min
Delta R.T.: -0.019 min
Response: 2145363
Conc: 18.62 ug/ml



#13 n-Docosane (C22)

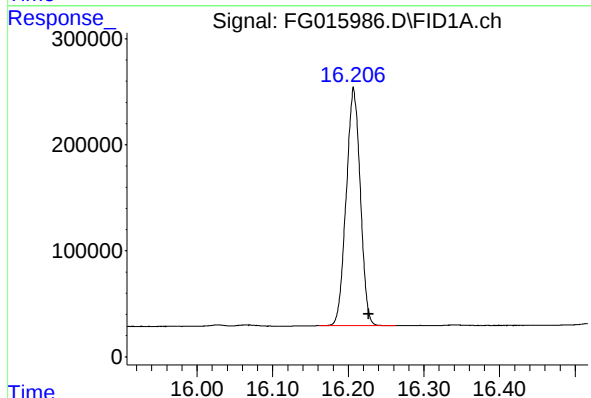
R.T.: 14.076 min
Delta R.T.: -0.019 min
Response: 2494344
Conc: 20.47 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



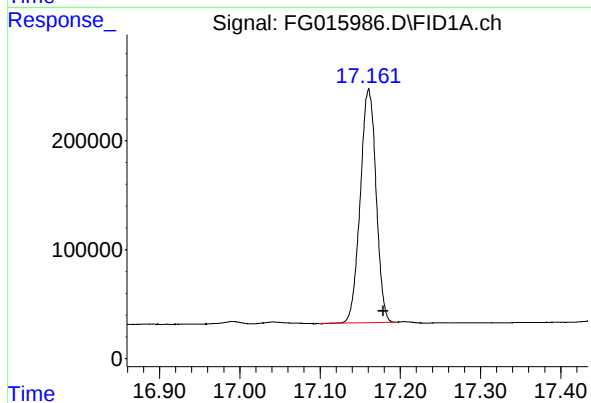
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.019 min
Response: 2766394
Conc: 22.84 ug/ml



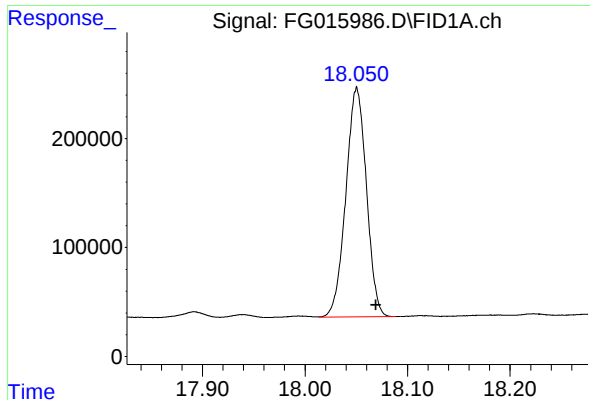
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.020 min
Response: 2907331
Conc: 24.29 ug/ml



#16 n-Octacosane (C28)

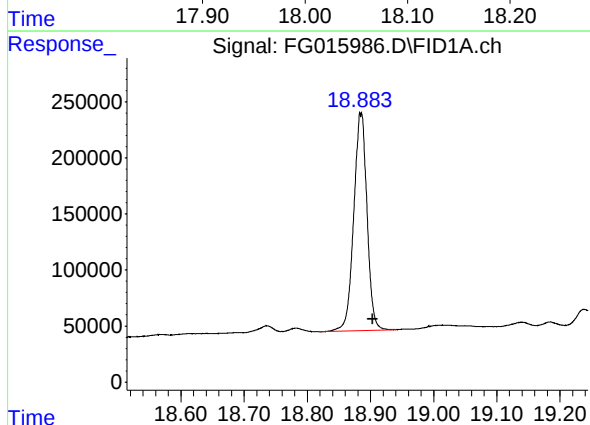
R.T.: 17.161 min
Delta R.T.: -0.019 min
Response: 2939778
Conc: 24.93 ug/ml



#17 n-Tricontane (C30)

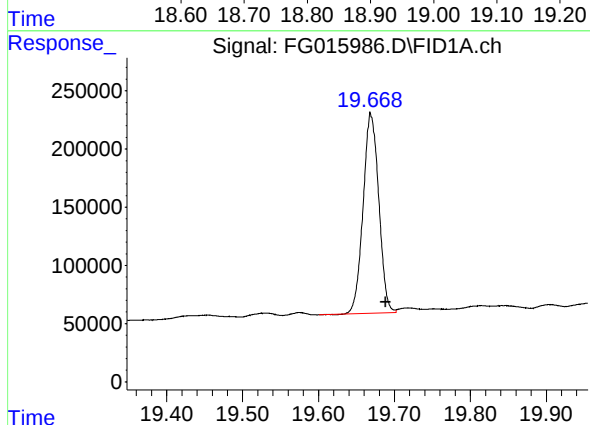
R.T.: 18.050 min
Delta R.T.: -0.019 min
Response: 2935057
Conc: 24.70 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



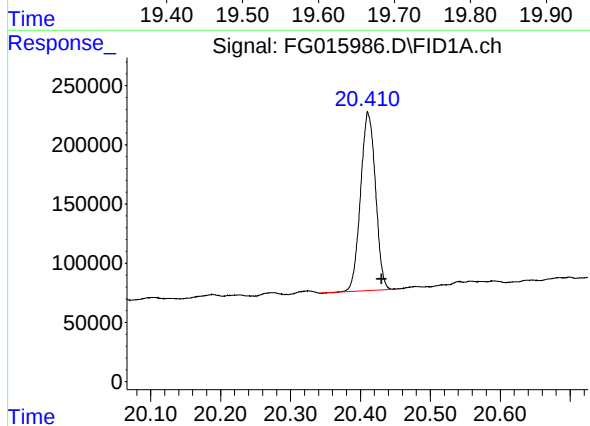
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.018 min
Response: 2834809
Conc: 24.00 ug/ml



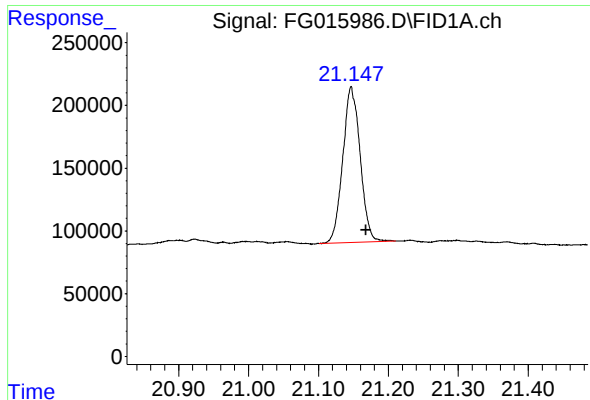
#19 n-Tetatriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.019 min
Response: 2453511
Conc: 21.97 ug/ml



#20 n-Hexatriacontane (C36)

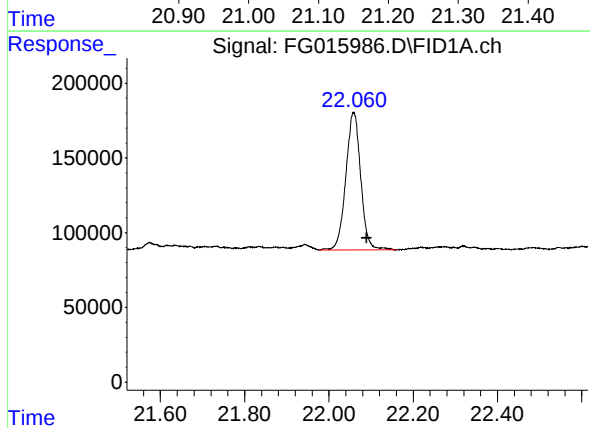
R.T.: 20.411 min
Delta R.T.: -0.019 min
Response: 2232714
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.021 min
Response: 2140050
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.031 min
Response: 2259111
Conc: 22.15 ug/ml