

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060925AL\
 Data File : FG015999.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 18:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 01:23:03 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)	11.872	2788413	18.728 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	13.318	2144585	18.616 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
Target Compounds			
1) T n-Nonane (C9)	3.215	2031875	18.110 ug/ml
2) T n-Decane (C10)	4.477	2094744	18.514 ug/ml
3) T A~Naphthalene (C11.7)	6.192	2144460	18.343 ug/ml
4) T n-Dodecane (C12)	6.659	2165691	18.795 ug/ml
5) T A~2-methylnaphthalene...	7.295	2089118	18.290 ug/ml
6) T n-Tetradecane (C14)	8.495	2179701	18.924 ug/ml
7) T n-Hexadecane (C16)	10.109	2248532	19.012 ug/ml
8) T n-Octadecane (C18)	11.557	2320846	19.093 ug/ml
10) T n-Eicosane (C20)	12.871	2323059	18.955 ug/ml
11) T n-Heneicosane (C21)	13.485	2306250	18.829 ug/ml
13) T n-Docosane (C22)	14.073	2312808	18.983 ug/ml
14) T n-Tetracosane (C24)	15.180	2329908	19.236 ug/ml
15) T n-Hexacosane (C26)	16.204	2294218	19.165 ug/ml
16) T n-Octacosane (C28)	17.157	2297554	19.485 ug/ml
17) T n-Tricontane (C30)	18.048	2384126	20.064 ug/ml
18) T n-Dotriacontane (C32)	18.882	2418167	20.472 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2248629	20.137 ug/ml
20) T n-Hexatriacontane (C36)	20.407	2173105	20.096 ug/ml
21) T n-Octatriacontane (C38)	21.144	2106815	20.282 ug/ml
22) T n-Tetracontane (C40)	22.052	2114377	20.734 ug/ml

(f)=RT Delta > 1/2 Window

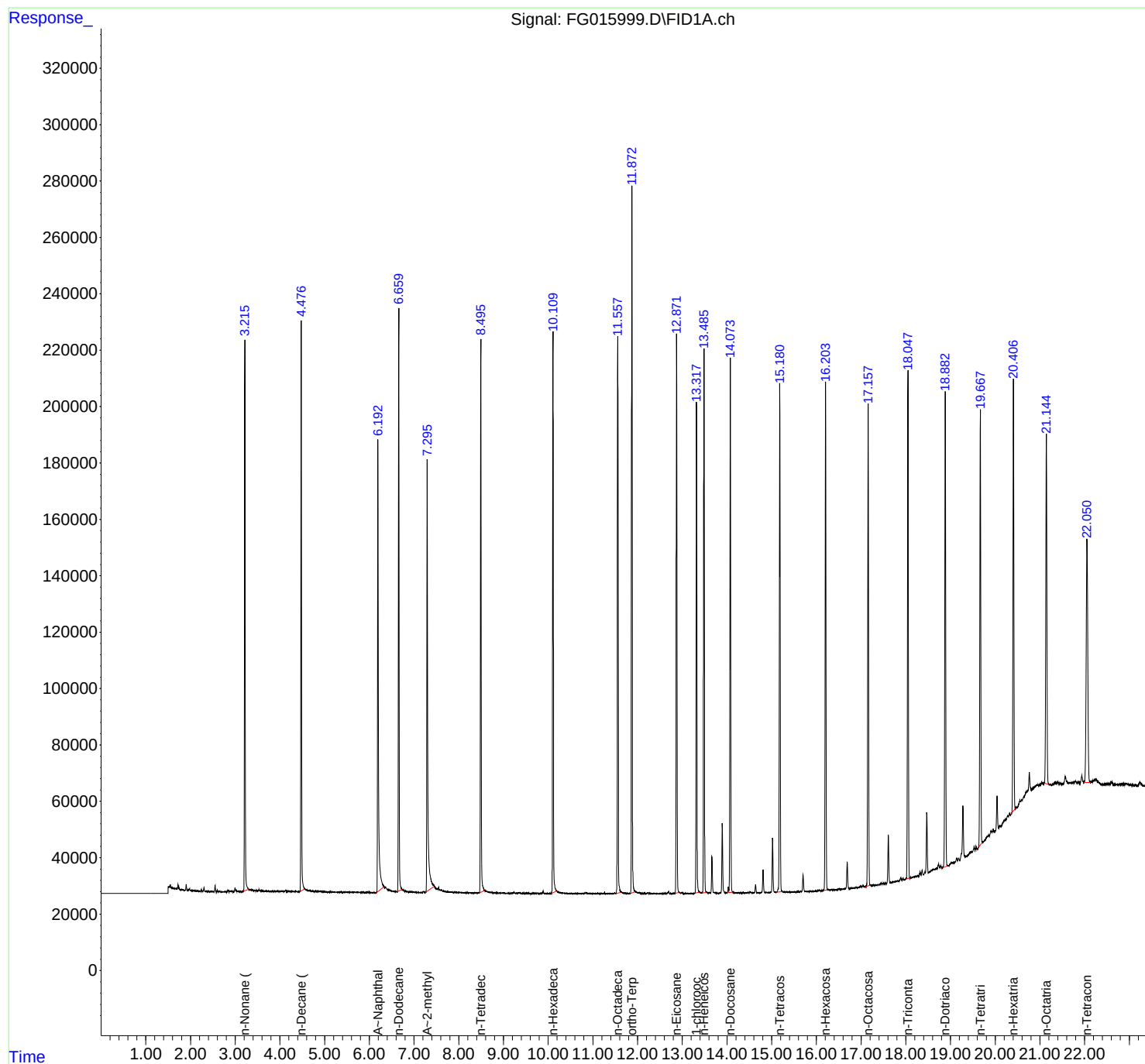
(m)=manual int.

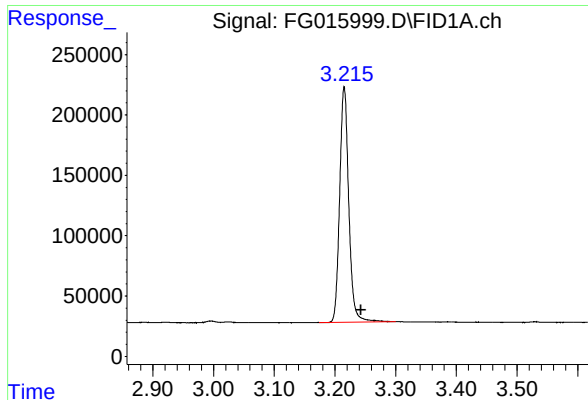
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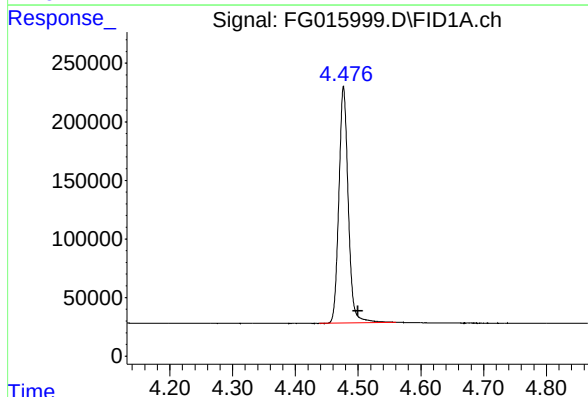




#1 n-Nonane (C9)

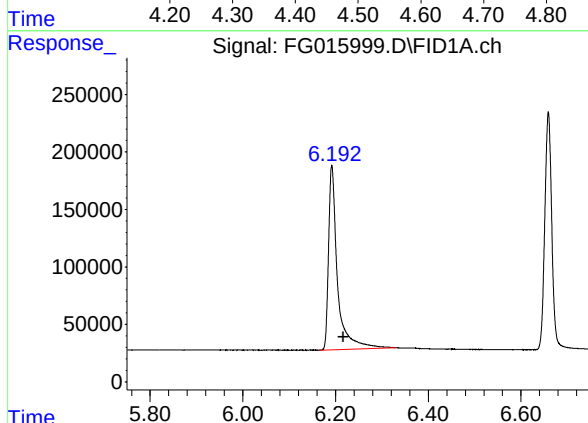
R.T.: 3.215 min
Delta R.T.: -0.028 min
Response: 2031875
Conc: 18.11 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



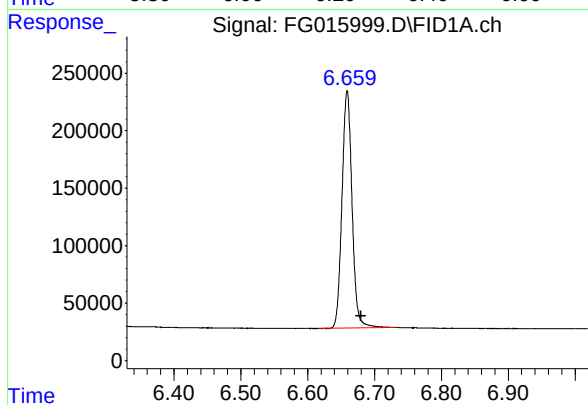
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.023 min
Response: 2094744
Conc: 18.51 ug/ml



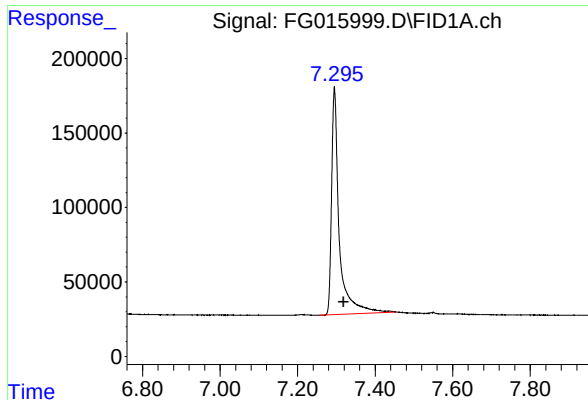
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.025 min
Response: 2144460
Conc: 18.34 ug/ml



#4 n-Dodecane (C12)

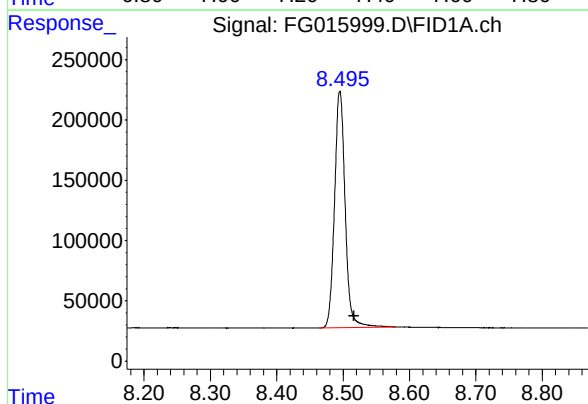
R.T.: 6.659 min
Delta R.T.: -0.021 min
Response: 2165691
Conc: 18.79 ug/ml



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

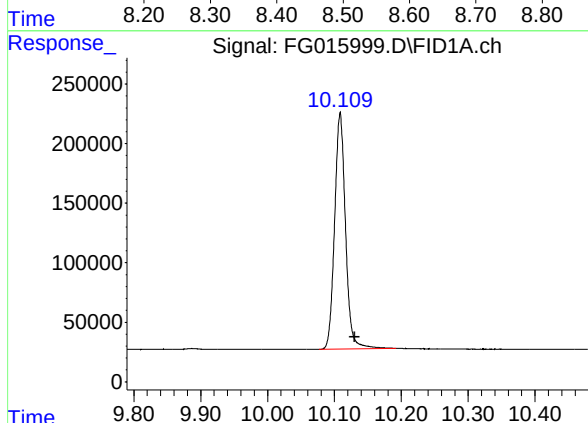
R.T.: 7.295 min
Delta R.T.: -0.024 min
Response: 2089118
Conc: 18.29 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



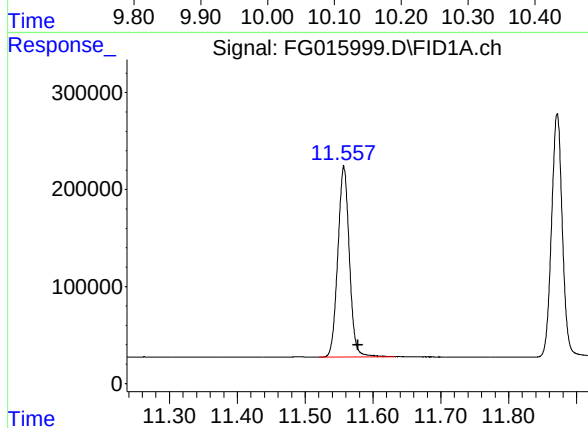
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.021 min
Response: 2179701
Conc: 18.92 ug/ml



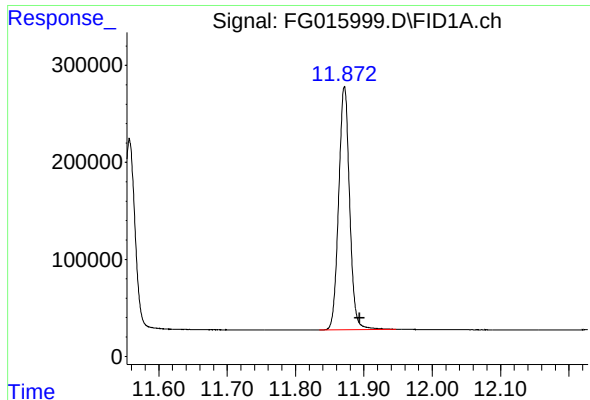
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.022 min
Response: 2248532
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

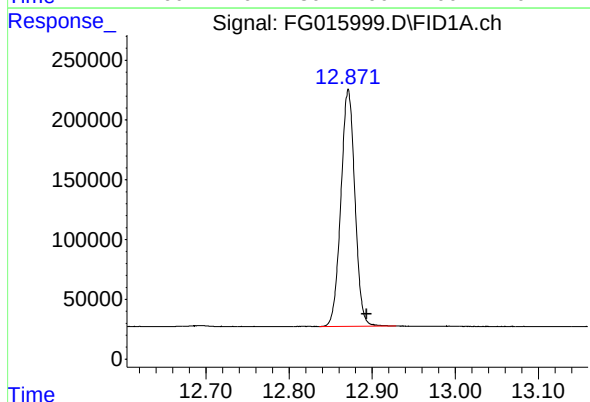
R.T.: 11.557 min
Delta R.T.: -0.021 min
Response: 2320846
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

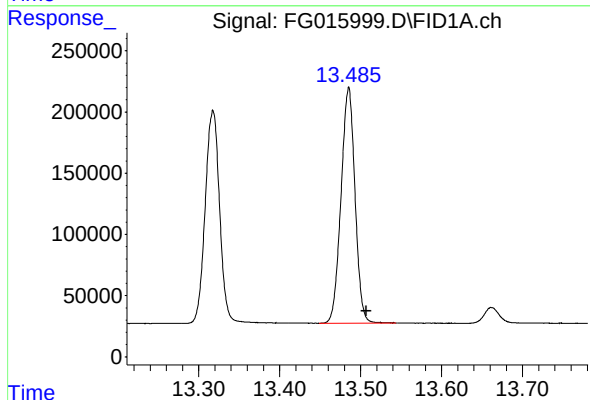
R.T.: 11.872 min
Delta R.T.: -0.022 min
Response: 2788413
Conc: 18.73 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



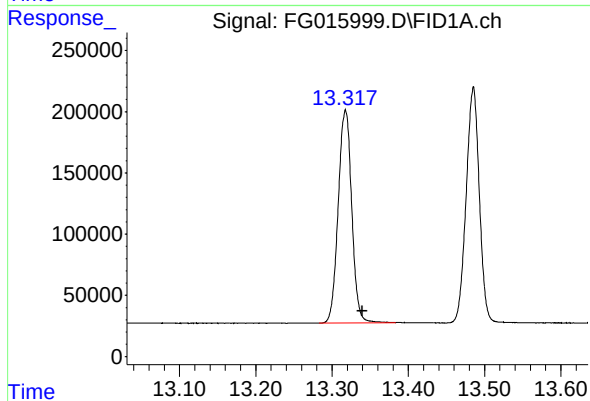
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.022 min
Response: 2323059
Conc: 18.96 ug/ml



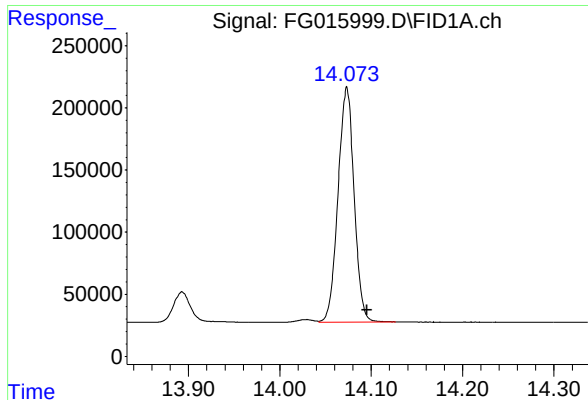
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.022 min
Response: 2306250
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

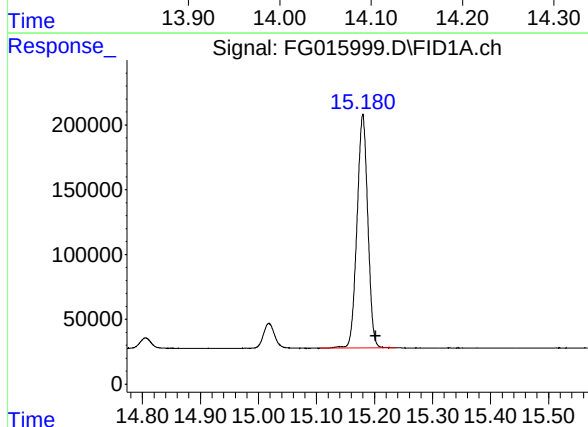
R.T.: 13.318 min
Delta R.T.: -0.022 min
Response: 2144585
Conc: 18.62 ug/ml



#13 n-Docosane (C22)

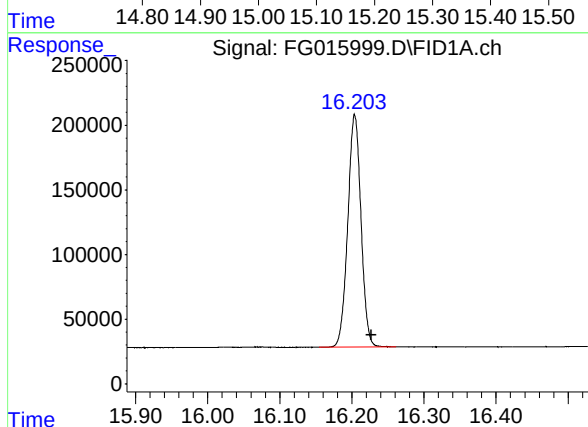
R.T.: 14.073 min
Delta R.T.: -0.022 min
Response: 2312808
Conc: 18.98 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



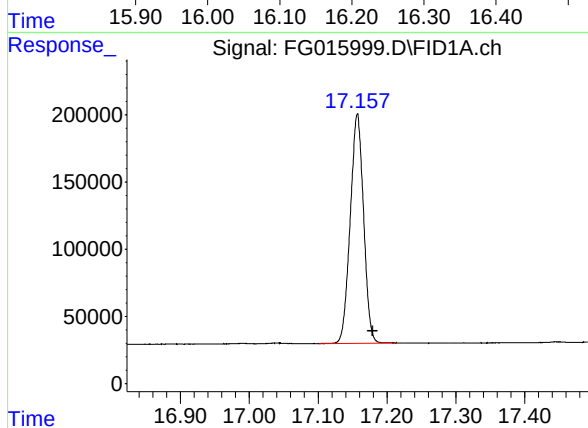
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.022 min
Response: 2329908
Conc: 19.24 ug/ml



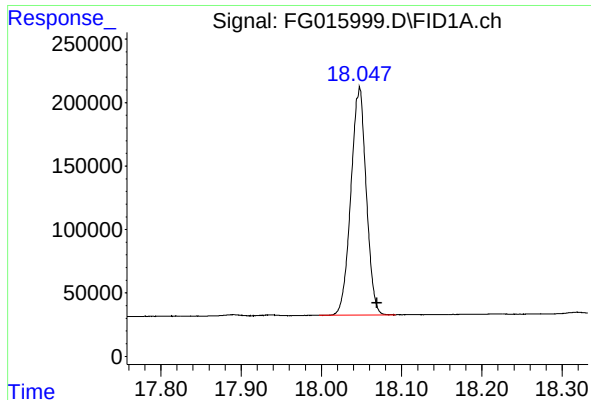
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.023 min
Response: 2294218
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

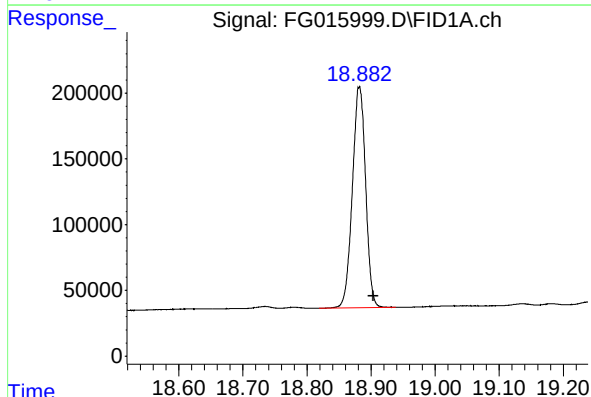
R.T.: 17.157 min
Delta R.T.: -0.022 min
Response: 2297554
Conc: 19.49 ug/ml



#17 n-Tricontane (C30)

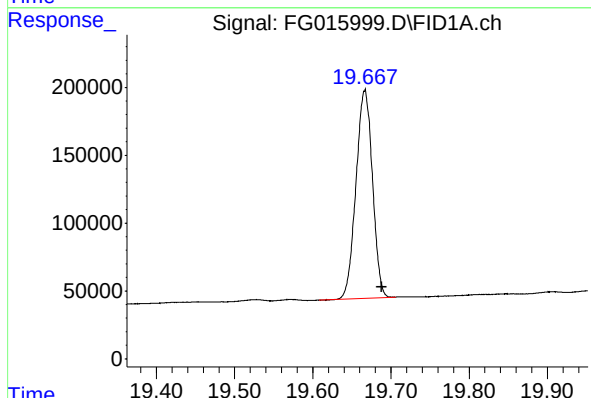
R.T.: 18.048 min
Delta R.T.: -0.021 min
Response: 2384126
Conc: 20.06 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



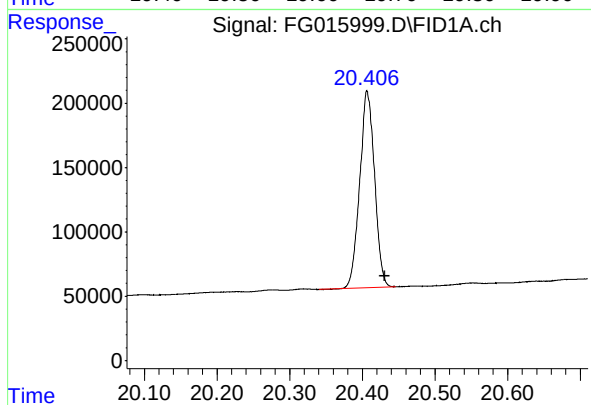
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.022 min
Response: 2418167
Conc: 20.47 ug/ml



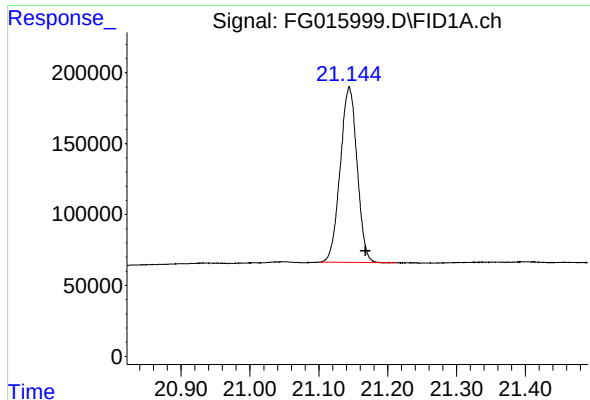
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.022 min
Response: 2248629
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

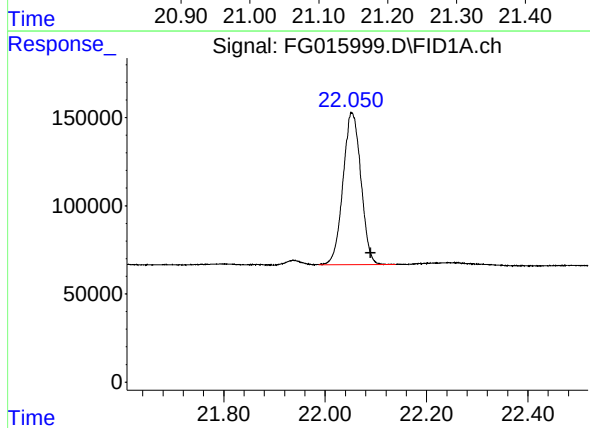
R.T.: 20.407 min
Delta R.T.: -0.024 min
Response: 2173105
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: -0.024 min
Response: 2106815
Conc: 20.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: -0.037 min
Response: 2114377
Conc: 20.73 ug/ml