

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080825AL\
 Data File : FC069612.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2025 06:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 11 01:13:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.667	2875851	19.277 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.102	2165709	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.398	2687699	18.865 ug/ml
2) T n-Decane (C10)	4.471	2790285	19.193 ug/ml
3) T A~Naphthalene (C11.7)	6.067	3000349	19.337 ug/ml
4) T n-Dodecane (C12)	6.496	2804719	19.186 ug/ml
5) T A~2-methylnaphthalene...	7.127	2865277	19.455 ug/ml
6) T n-Tetradecane (C14)	8.296	2742139	19.215 ug/ml
7) T n-Hexadecane (C16)	9.900	2792387	19.370 ug/ml
8) T n-Octadecane (C18)	11.345	2724800	19.269 ug/ml
10) T n-Eicosane (C20)	12.656	2550271	19.360 ug/ml
11) T n-Heneicosane (C21)	13.269	2470987	19.374 ug/ml
13) T n-Docosane (C22)	13.856	2436838	19.507 ug/ml
14) T n-Tetracosane (C24)	14.961	2401536	19.901 ug/ml
15) T n-Hexacosane (C26)	15.984	2310253	19.993 ug/ml
16) T n-Octacosane (C28)	16.934	2276352	20.308 ug/ml
17) T n-Tricontane (C30)	17.822	2404745	21.003 ug/ml
18) T n-Dotriacontane (C32)	18.657	2432186	21.895 ug/ml
19) T n-Tetratriacontane (C34)	19.442	2205342	21.658 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1878189	21.064 ug/ml
21) T n-Octatriacontane (C38)	20.948	1661555	20.655 ug/ml
22) T n-Tetracontane (C40)	21.911	1566737	20.923 ug/ml

(f)=RT Delta > 1/2 Window

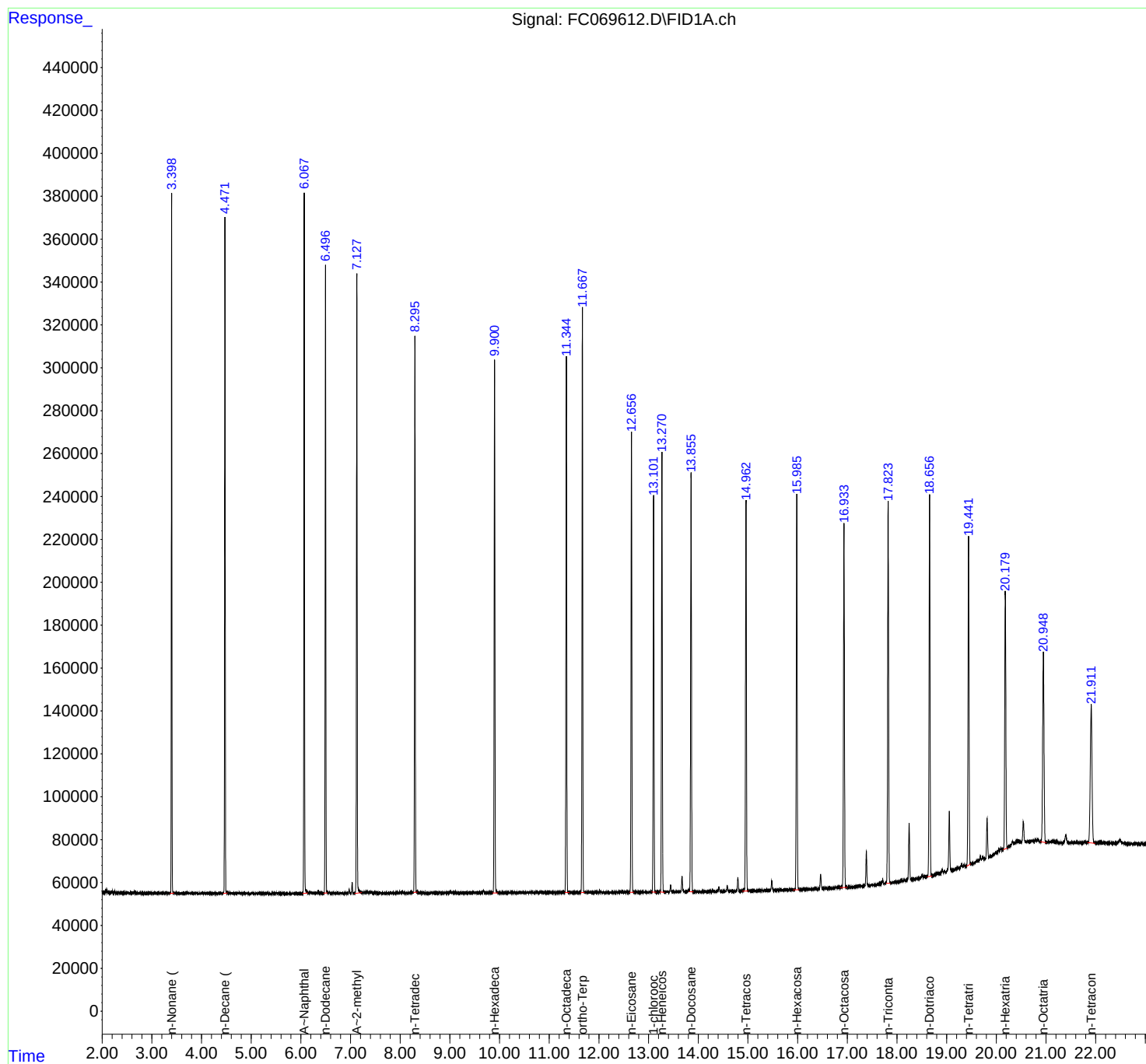
(m)=manual int.

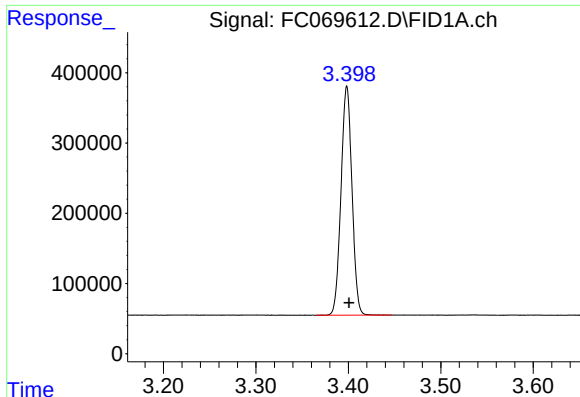
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

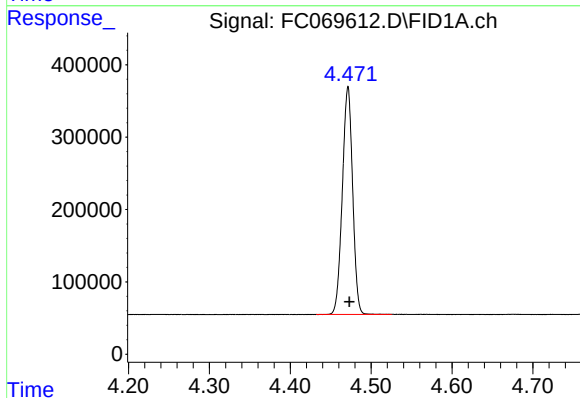




#1 n-Nonane (C9)

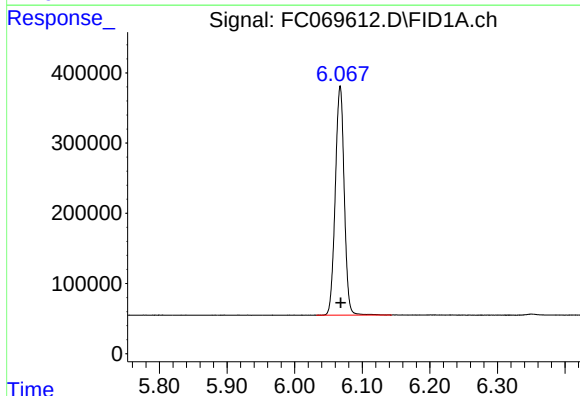
R.T.: 3.398 min
Delta R.T.: -0.003 min
Response: 2687699
Conc: 18.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



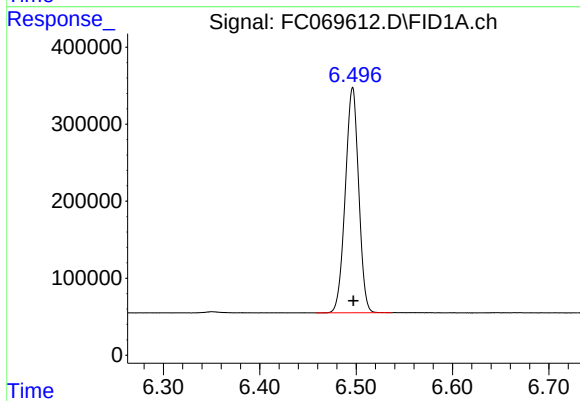
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 2790285
Conc: 19.19 ug/ml



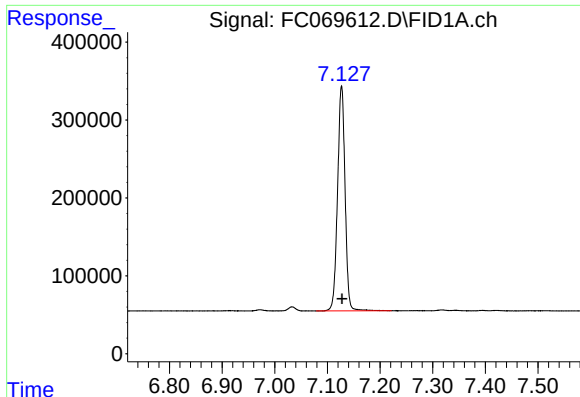
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 3000349
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

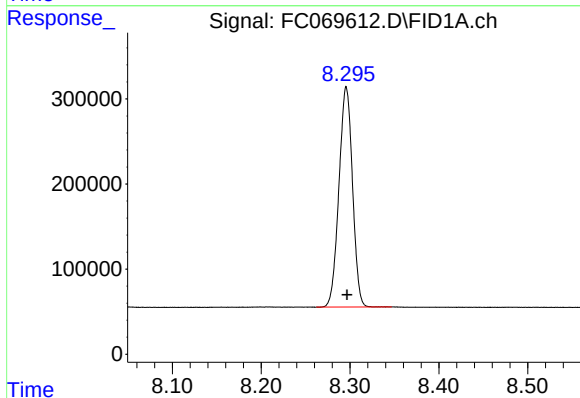
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 2804719
Conc: 19.19 ug/ml



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

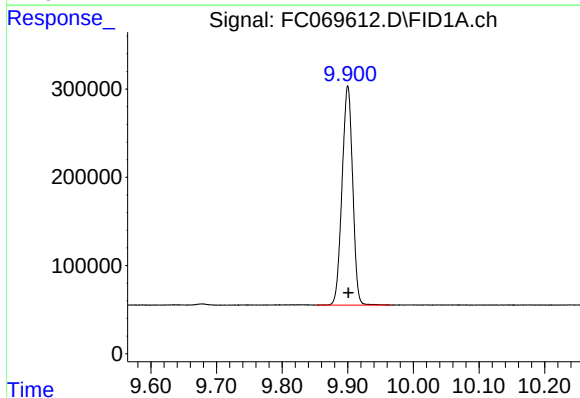
R.T.: 7.127 min
Delta R.T.: -0.001 min
Response: 2865277
Conc: 19.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



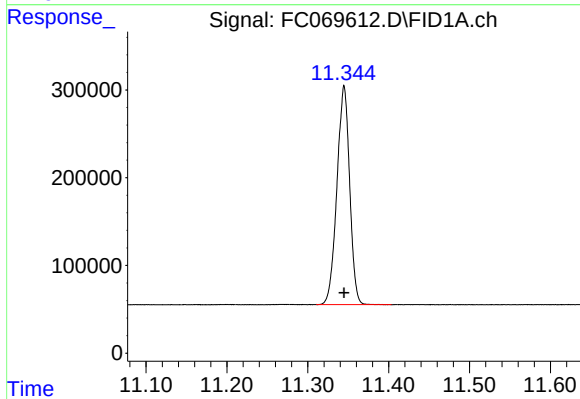
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2742139
Conc: 19.21 ug/ml



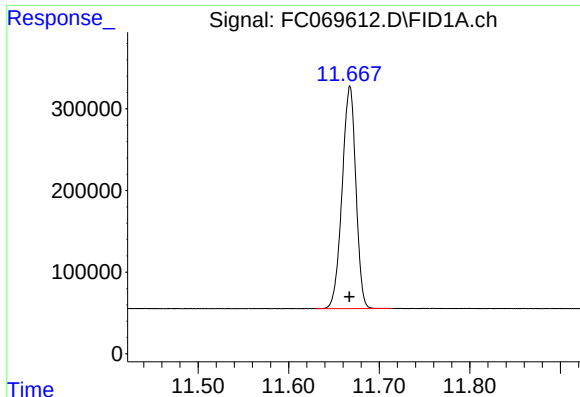
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 2792387
Conc: 19.37 ug/ml



#8 n-Octadecane (C18)

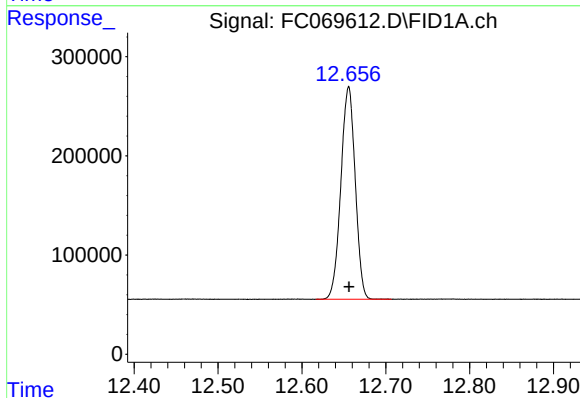
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 2724800
Conc: 19.27 ug/ml



#9 ortho-Terphenyl (SURR)

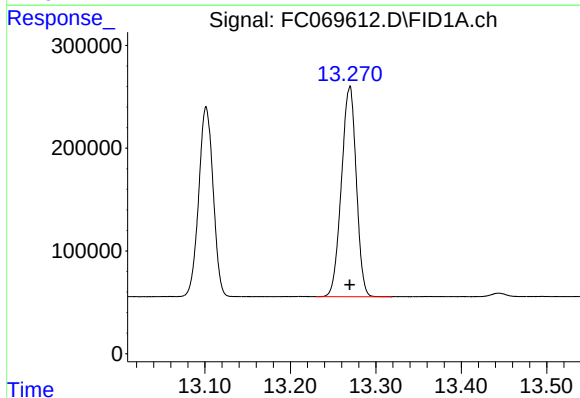
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2875851
Conc: 19.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



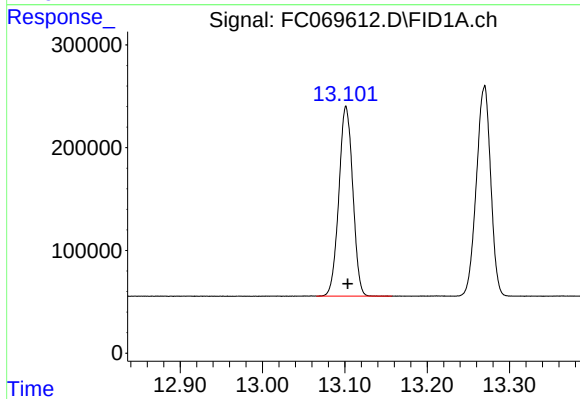
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.000 min
Response: 2550271
Conc: 19.36 ug/ml



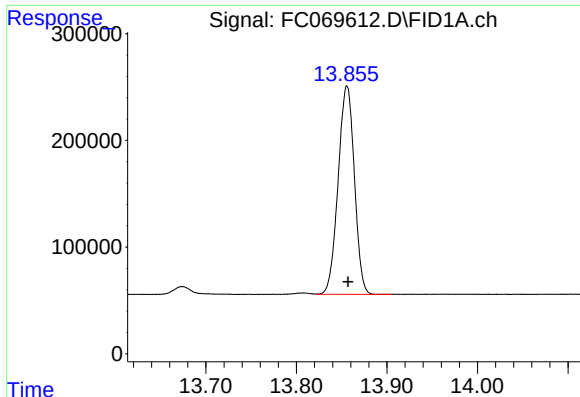
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2470987
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

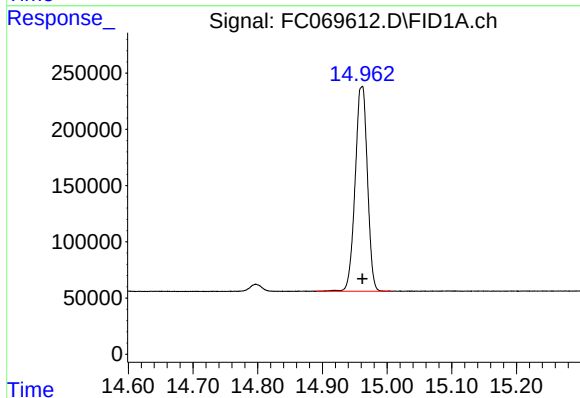
R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 2165709
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

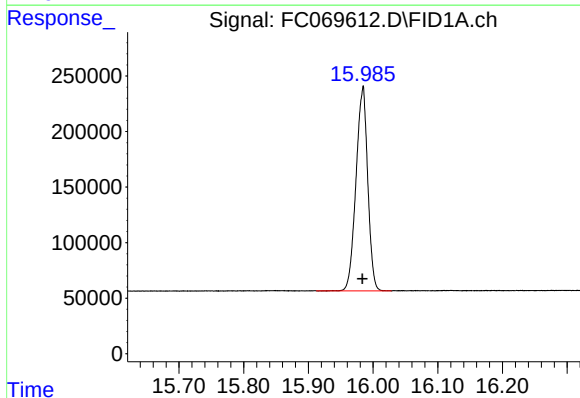
R.T.: 13.856 min
Delta R.T.: -0.001 min
Response: 2436838
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



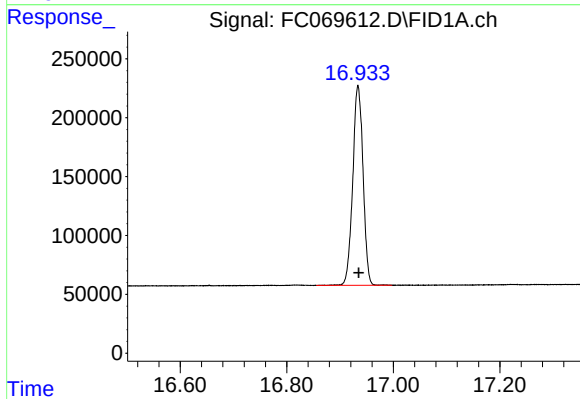
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.001 min
Response: 2401536
Conc: 19.90 ug/ml



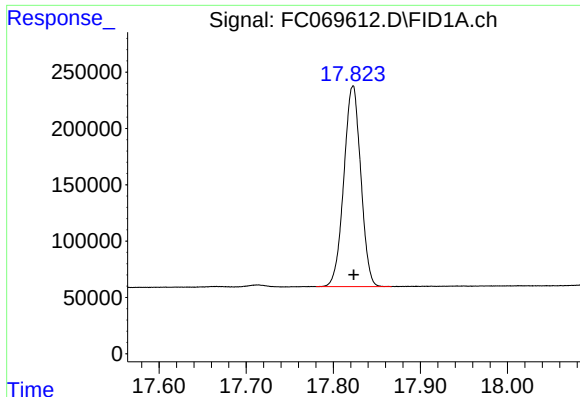
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 2310253
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

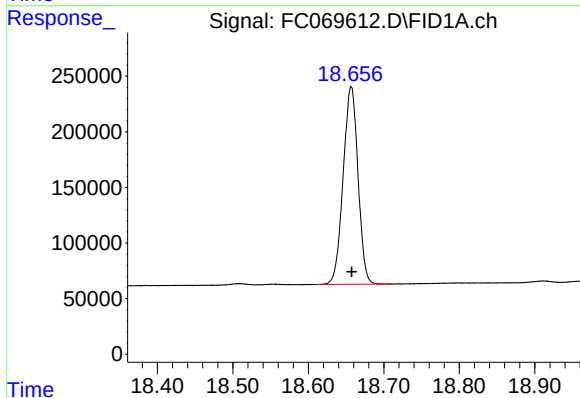
R.T.: 16.934 min
Delta R.T.: -0.001 min
Response: 2276352
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

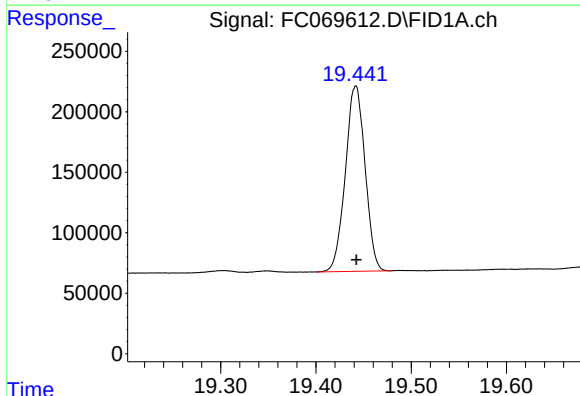
R.T.: 17.822 min
Delta R.T.: -0.001 min
Response: 2404745
Conc: 21.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



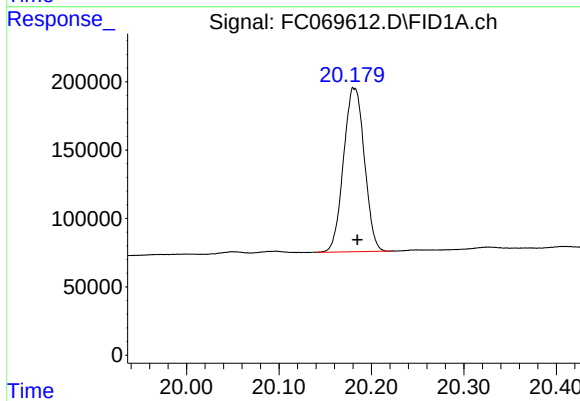
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.000 min
Response: 2432186
Conc: 21.90 ug/ml



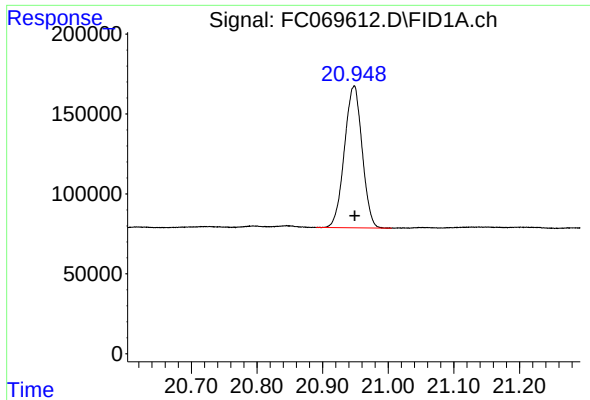
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 2205342
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

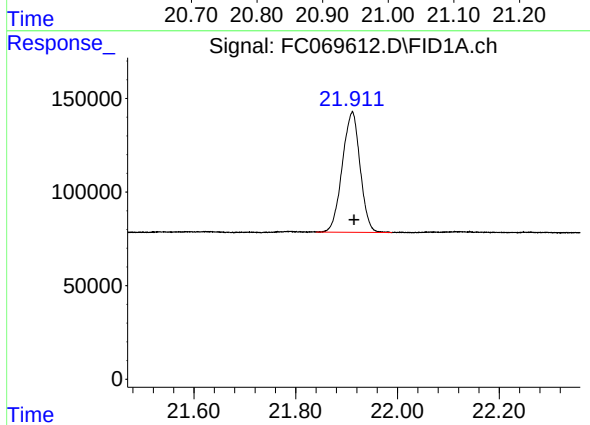
R.T.: 20.182 min
Delta R.T.: -0.003 min
Response: 1878189
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.001 min
Response: 1661555
Conc: 20.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.004 min
Response: 1566737
Conc: 20.92 ug/ml