

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AL\
 Data File : FG015296.D
 Signal(s) : FID1A.ch
 Acq On : 04 Feb 2025 11:34
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 06 00:48:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 00:48:11 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)	11.946	6740987	46.407 ug/ml
Spiked Amount 50.000		Recovery =	92.81%
12) S 1-chlorooctadecane (S...	13.391	5277811	46.530 ug/ml
Spiked Amount 50.000		Recovery =	93.06%
Target Compounds			
1) T n-Nonane (C9)	3.279	5543009	45.510 ug/ml
2) T n-Decane (C10)	4.542	5662615	45.571 ug/ml
3) T A~Naphthalene (C11.7)	6.256	6369043	46.140 ug/ml
4) T n-Dodecane (C12)	6.724	5767661	45.737 ug/ml
5) T A~2-methylnaphthalene...	7.359	6215359	46.237 ug/ml
6) T n-Tetradecane (C14)	8.561	5817291	45.940 ug/ml
7) T n-Hexadecane (C16)	10.177	6132727	46.074 ug/ml
8) T n-Octadecane (C18)	11.629	6293704	46.222 ug/ml
10) T n-Eicosane (C20)	12.944	6110795	46.360 ug/ml
11) T n-Heneicosane (C21)	13.559	6018270	46.364 ug/ml
13) T n-Docosane (C22)	14.148	5988260	46.469 ug/ml
14) T n-Tetracosane (C24)	15.255	5935170	46.414 ug/ml
15) T n-Hexacosane (C26)	16.280	5788266	46.495 ug/ml
16) T n-Octacosane (C28)	17.235	5626858	46.565 ug/ml
17) T n-Tricontane (C30)	18.124	5627017	46.282 ug/ml
18) T n-Dotriacontane (C32)	18.959	5378922	46.229 ug/ml
19) T n-Tetratriacontane (C34)	19.744	4788330	46.393 ug/ml
20) T n-Hexatriacontane (C36)	20.487	4268129	46.761 ug/ml
21) T n-Octatriacontane (C38)	21.237	4161219	46.871 ug/ml
22) T n-Tetracontane (C40)	22.183	4243716	47.034 ug/ml

(f)=RT Delta > 1/2 Window

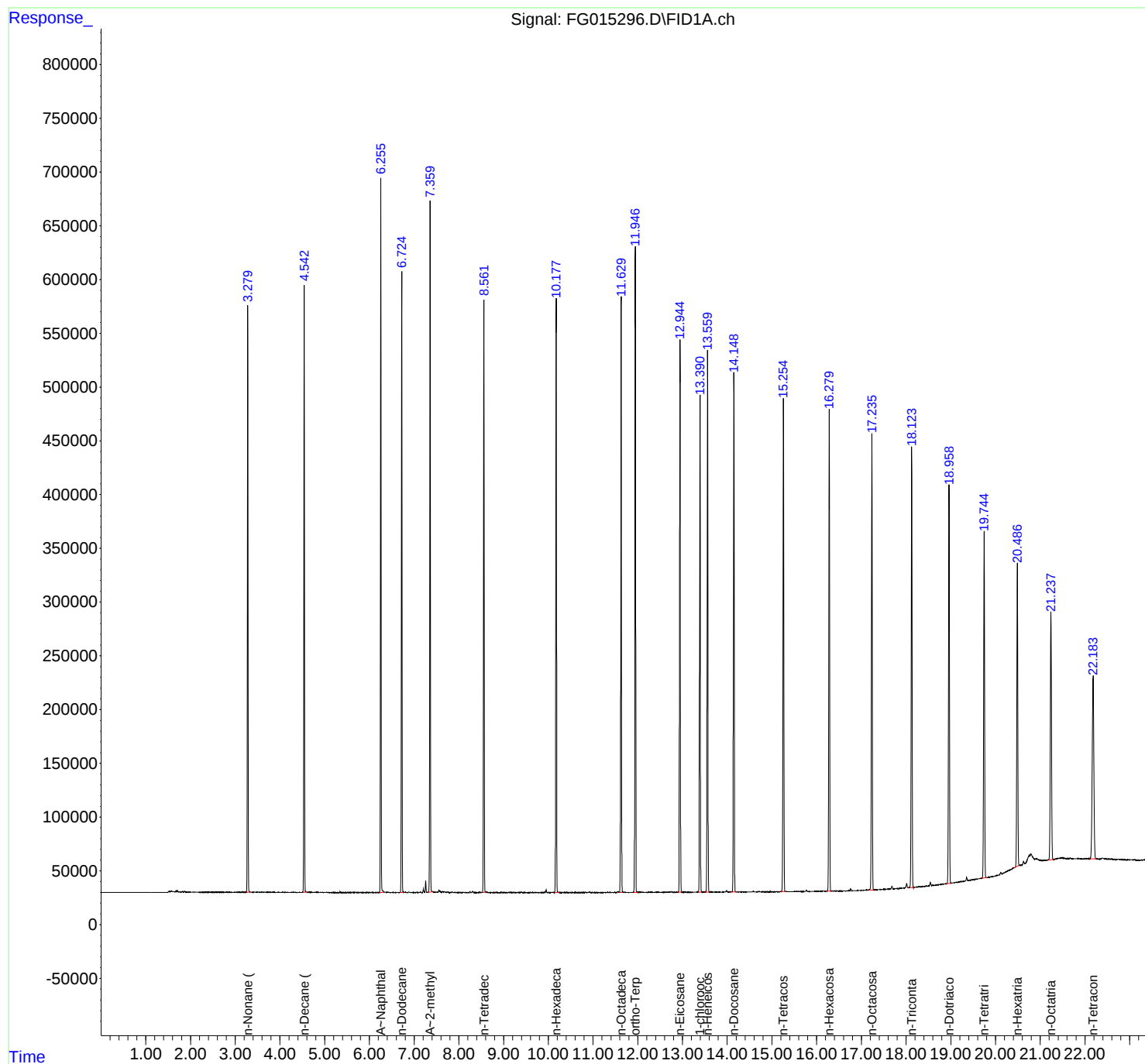
(m)=manual int.

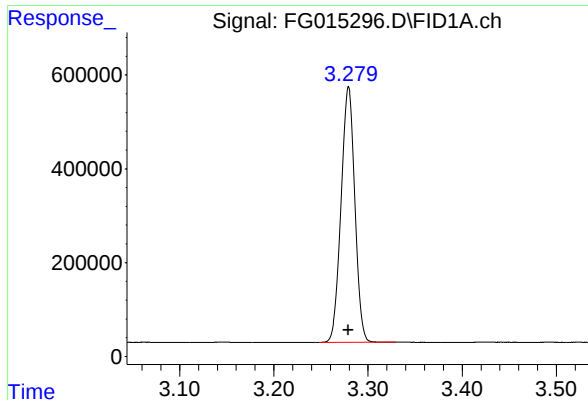
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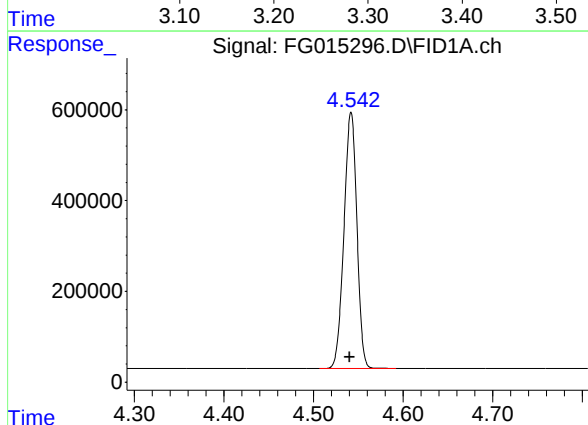




#1 n-Nonane (C9)

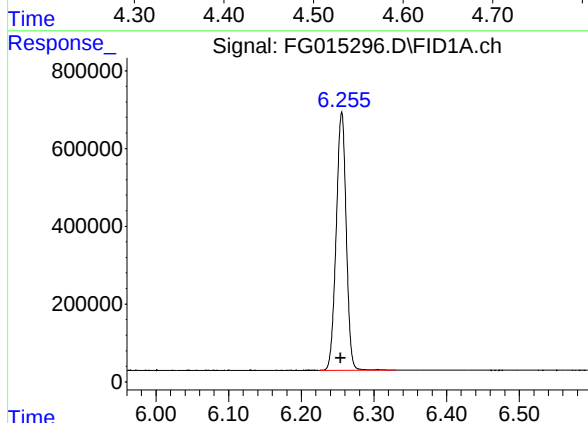
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 5543009
Conc: 45.51 ug/ml

Instrument :
FID_G
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50 PPM ALIPHATIC HC STD2



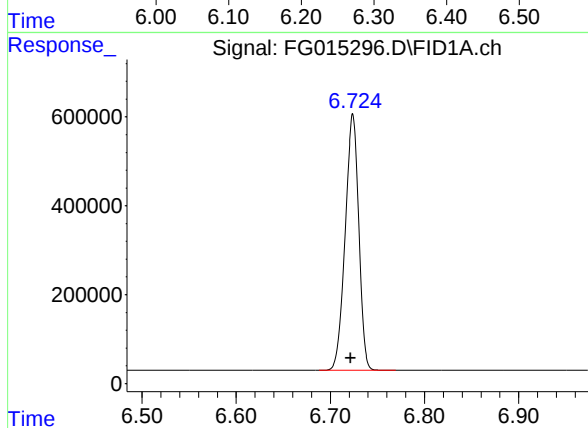
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: 0.002 min
Response: 5662615
Conc: 45.57 ug/ml



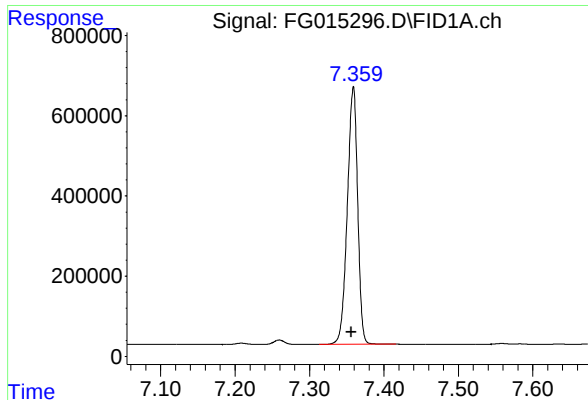
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.002 min
Response: 6369043
Conc: 46.14 ug/ml



#4 n-Dodecane (C12)

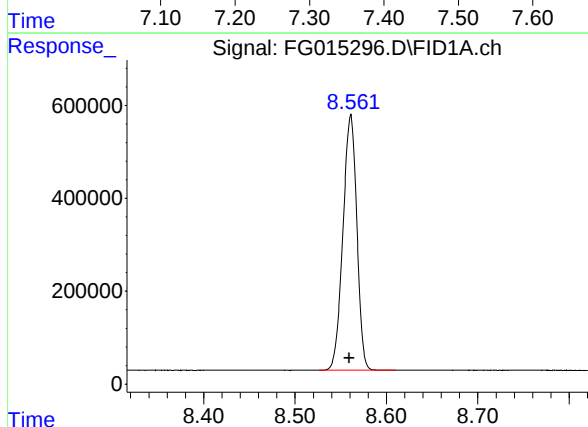
R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 5767661
Conc: 45.74 ug/ml



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

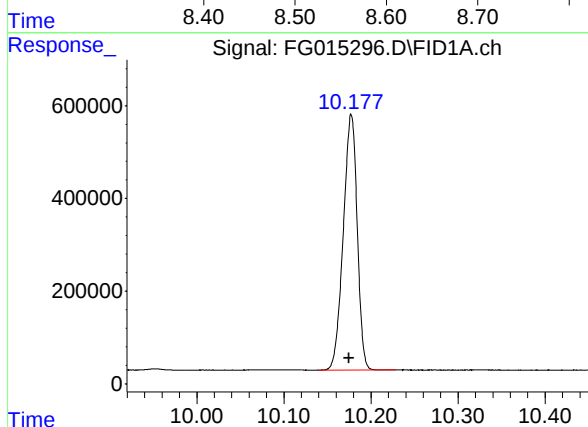
R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 6215359
Conc: 46.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



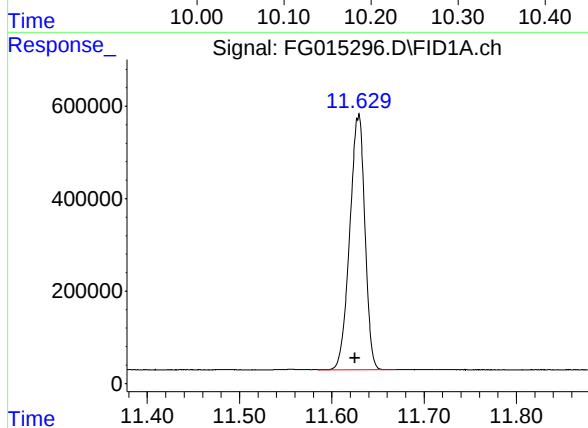
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.002 min
Response: 5817291
Conc: 45.94 ug/ml



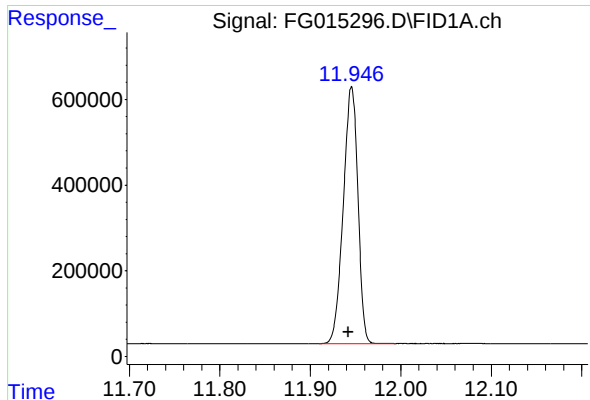
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.003 min
Response: 6132727
Conc: 46.07 ug/ml



#8 n-Octadecane (C18)

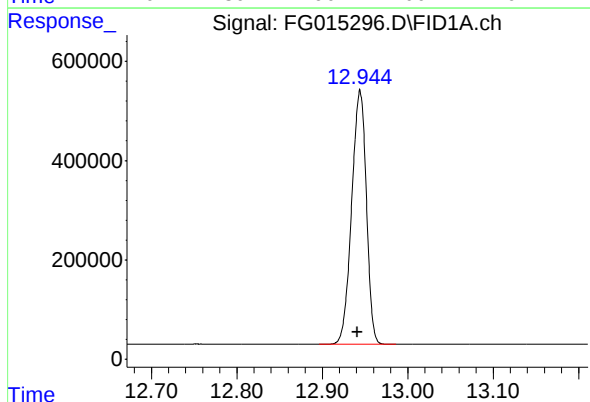
R.T.: 11.629 min
Delta R.T.: 0.004 min
Response: 6293704
Conc: 46.22 ug/ml



#9 ortho-Terphenyl (SURR)

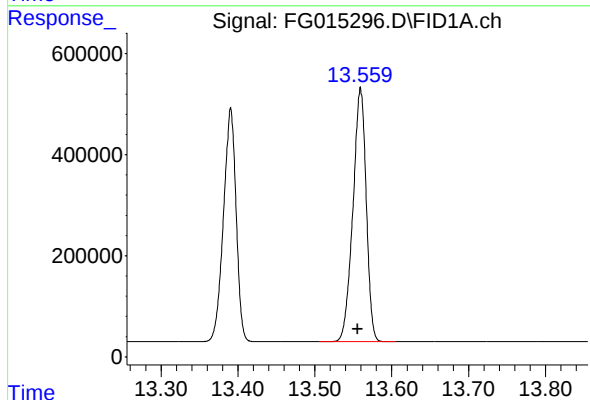
R.T.: 11.946 min
Delta R.T.: 0.004 min
Response: 6740987
Conc: 46.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



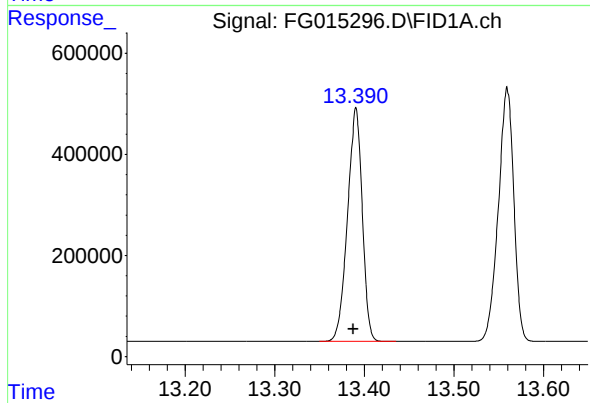
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.004 min
Response: 6110795
Conc: 46.36 ug/ml



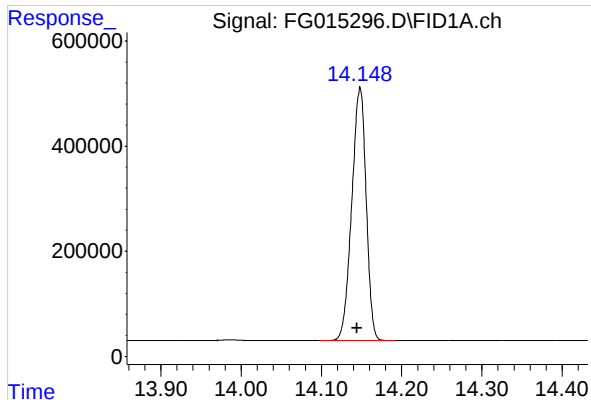
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: 0.003 min
Response: 6018270
Conc: 46.36 ug/ml



#12 1-chlorooctadecane (SURR)

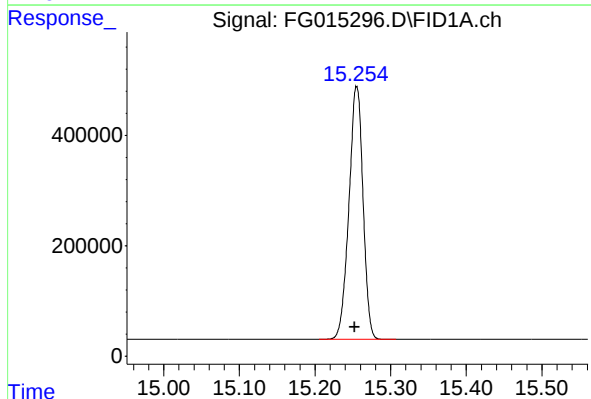
R.T.: 13.391 min
Delta R.T.: 0.003 min
Response: 5277811
Conc: 46.53 ug/ml



#13 n-Docosane (C22)

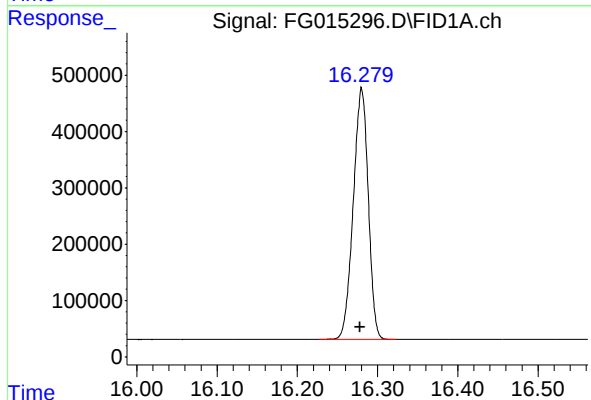
R.T.: 14.148 min
Delta R.T.: 0.004 min
Response: 5988260
Conc: 46.47 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



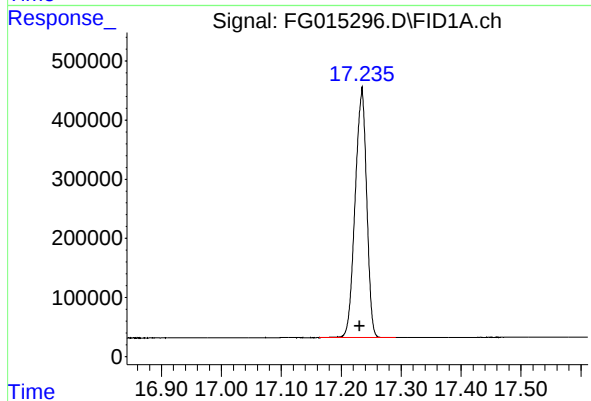
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: 0.003 min
Response: 5935170
Conc: 46.41 ug/ml



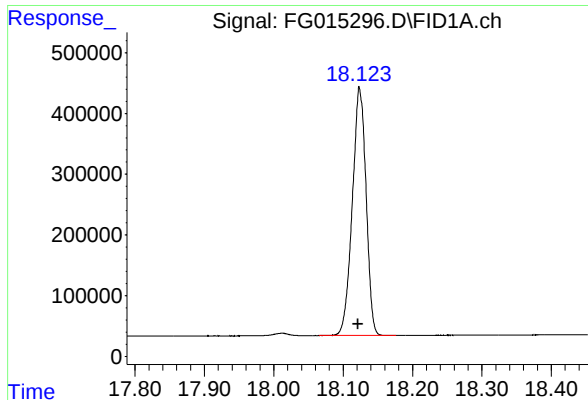
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.002 min
Response: 5788266
Conc: 46.50 ug/ml



#16 n-Octacosane (C28)

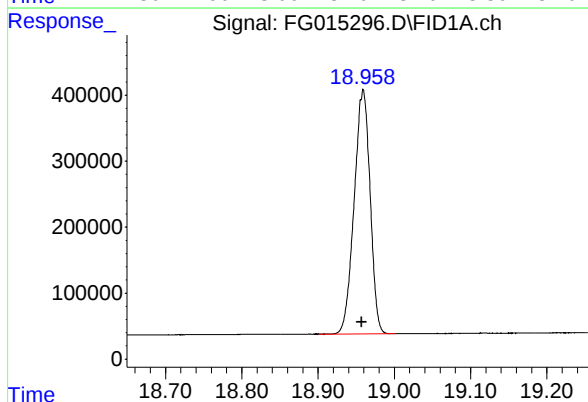
R.T.: 17.235 min
Delta R.T.: 0.004 min
Response: 5626858
Conc: 46.57 ug/ml



#17 n-Tricontane (C30)

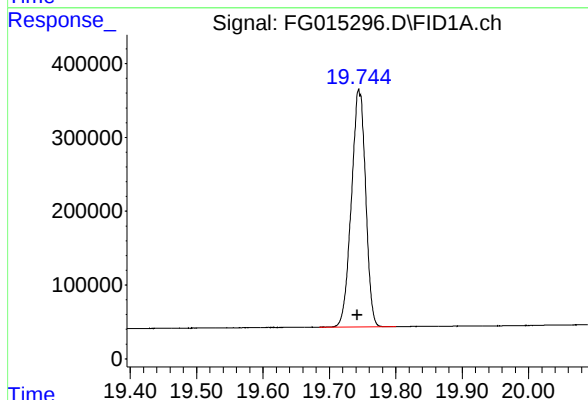
R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 5627017
Conc: 46.28 ug/ml

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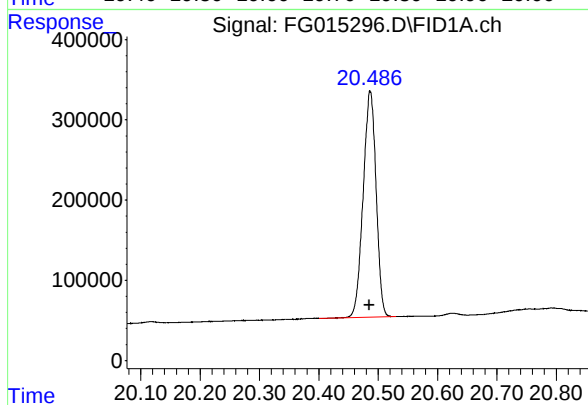
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.002 min
Response: 5378922
Conc: 46.23 ug/ml



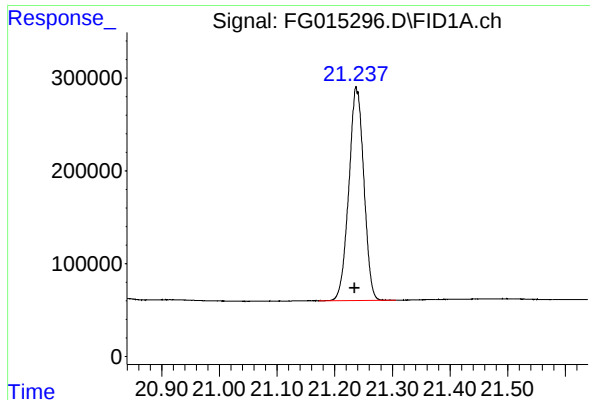
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.002 min
Response: 4788330
Conc: 46.39 ug/ml



#20 n-Hexatriacontane (C36)

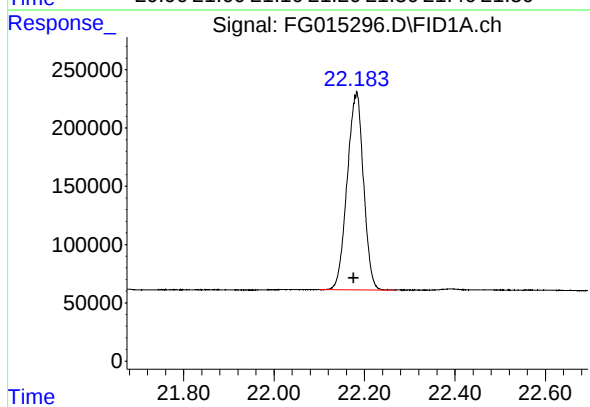
R.T.: 20.487 min
Delta R.T.: 0.002 min
Response: 4268129
Conc: 46.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.237 min
Delta R.T.: 0.003 min
Response: 4161219
Conc: 46.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.183 min
Delta R.T.: 0.007 min
Response: 4243716
Conc: 47.03 ug/ml