

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AL\
 Data File : FG016750.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 22:26
 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: Oct 03 03:04:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:03:56 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)	12.052	7725821	53.147 ug/ml
Spiked Amount 50.000		Recovery =	106.29%
12) S 1-chlorooctadecane (S...	13.495	6072522	53.348 ug/ml
Spiked Amount 50.000		Recovery =	106.70%
Target Compounds			
1) T n-Nonane (C9)	3.375	6153693	52.795 ug/ml
2) T n-Decane (C10)	4.636	6289139	52.935 ug/ml
3) T A~Naphthalene (C11.7)	6.353	6824237	54.373 ug/ml
4) T n-Dodecane (C12)	6.816	6387791	53.156 ug/ml
5) T A~2-methylnaphthalene...	7.456	6602298	55.956 ug/ml
6) T n-Tetradecane (C14)	8.657	6422766	53.880 ug/ml
7) T n-Hexadecane (C16)	10.274	6761367	53.851 ug/ml
8) T n-Octadecane (C18)	11.729	7023449	53.418 ug/ml
10) T n-Eicosane (C20)	13.047	6925241	53.178 ug/ml
11) T n-Heneicosane (C21)	13.663	6876001	53.163 ug/ml
13) T n-Docosane (C22)	14.254	6946104	53.463 ug/ml
14) T n-Tetracosane (C24)	15.365	7127695	54.193 ug/ml
15) T n-Hexacosane (C26)	16.392	7078983	54.251 ug/ml
16) T n-Octacosane (C28)	17.348	6964159	54.838 ug/ml
17) T n-Tricontane (C30)	18.241	6942894	55.057 ug/ml
18) T n-Dotriacontane (C32)	19.079	6559985	55.384 ug/ml
19) T n-Tetratriacontane (C34)	19.867	5815920	54.780 ug/ml
20) T n-Hexatriacontane (C36)	20.610	4886329	53.838 ug/ml
21) T n-Octatriacontane (C38)	21.388	4354658	53.341 ug/ml
22) T n-Tetracontane (C40)	22.377	4058038	54.078 ug/ml

(f)=RT Delta > 1/2 Window

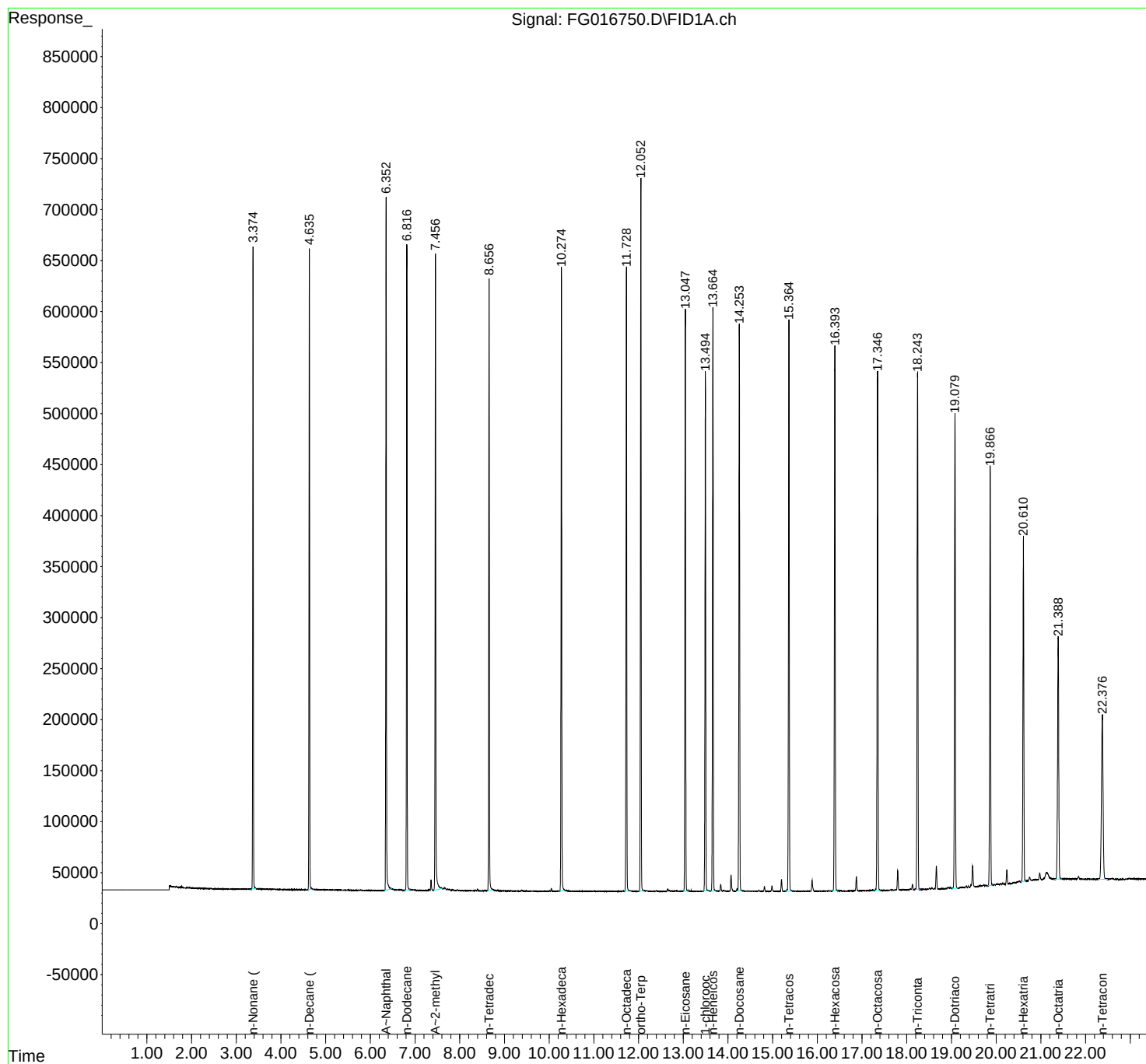
(m)=manual int.

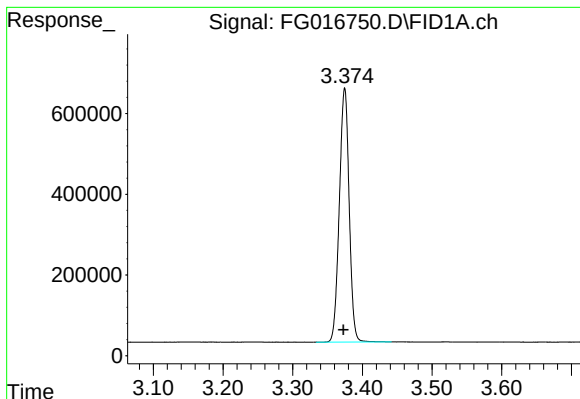
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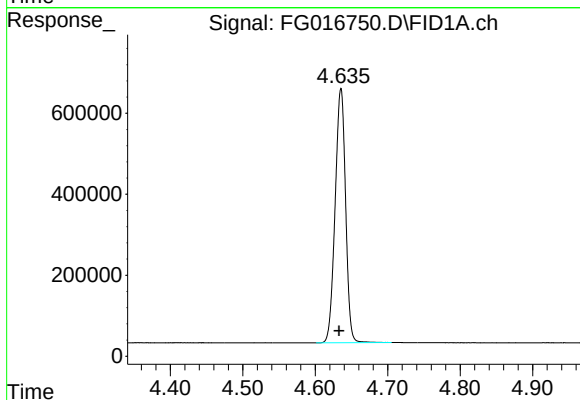




#1 n-Nonane (C9)

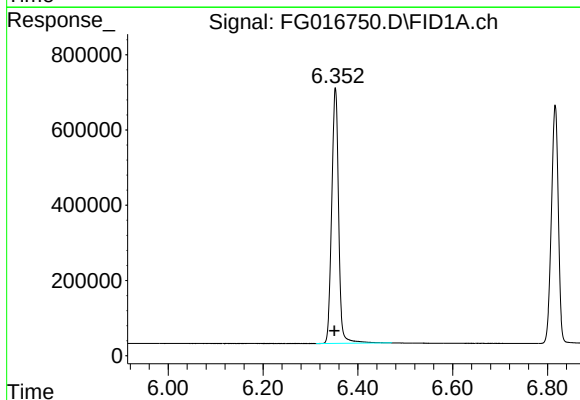
R.T.: 3.375 min
Delta R.T.: 0.002 min
Response: 6153693
Conc: 52.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



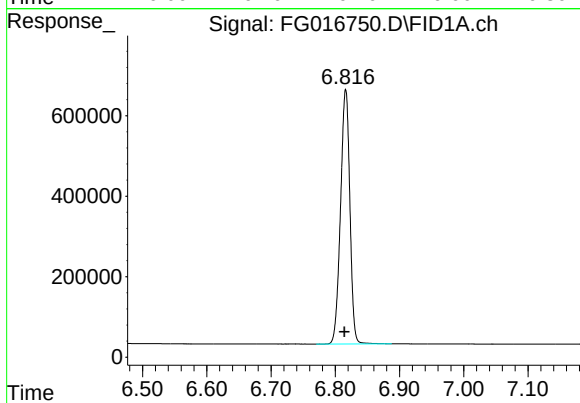
#2 n-Decane (C10)

R.T.: 4.636 min
Delta R.T.: 0.003 min
Response: 6289139
Conc: 52.94 ug/ml



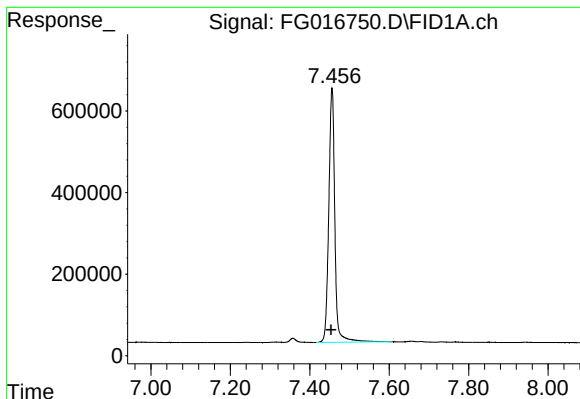
#3 A~Naphthalene (C11.7)

R.T.: 6.353 min
Delta R.T.: 0.002 min
Response: 6824237
Conc: 54.37 ug/ml



#4 n-Dodecane (C12)

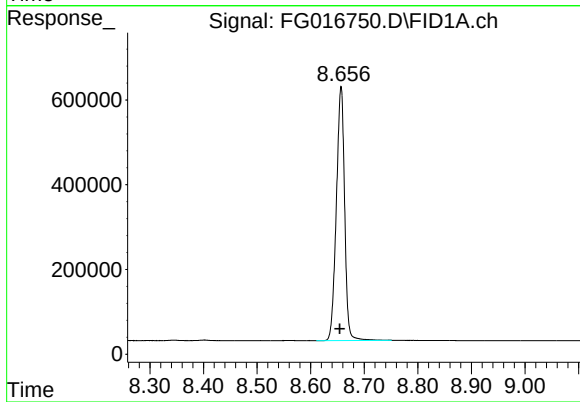
R.T.: 6.816 min
Delta R.T.: 0.002 min
Response: 6387791
Conc: 53.16 ug/ml



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

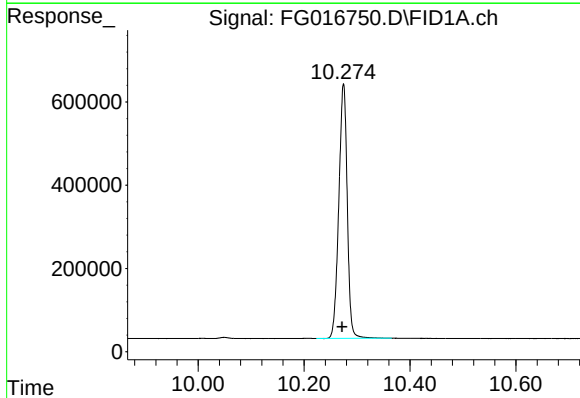
R.T.: 7.456 min
Delta R.T.: 0.002 min
Response: 6602298
Conc: 55.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



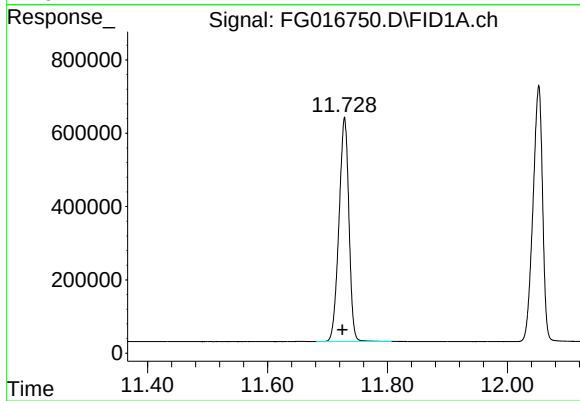
#6 n-Tetradecane (C14)

R.T.: 8.657 min
Delta R.T.: 0.003 min
Response: 6422766
Conc: 53.88 ug/ml



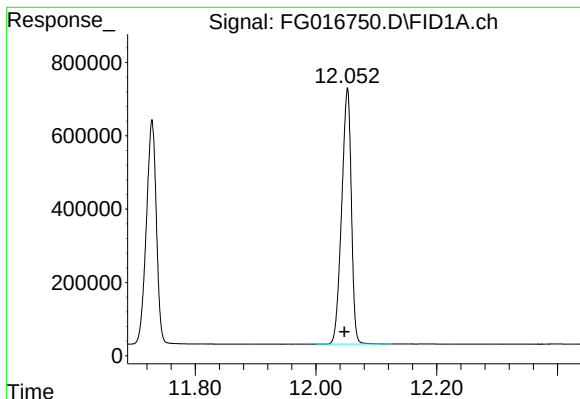
#7 n-Hexadecane (C16)

R.T.: 10.274 min
Delta R.T.: 0.003 min
Response: 6761367
Conc: 53.85 ug/ml



#8 n-Octadecane (C18)

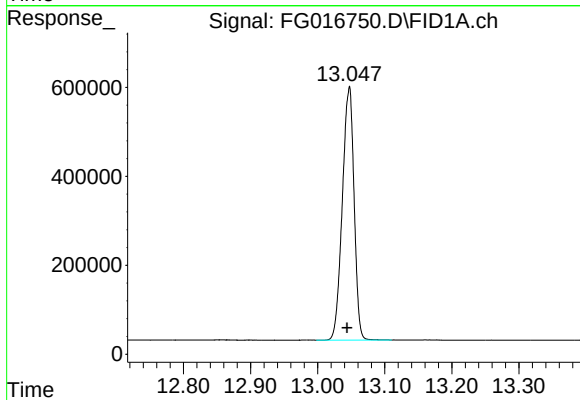
R.T.: 11.729 min
Delta R.T.: 0.004 min
Response: 7023449
Conc: 53.42 ug/ml



#9 ortho-Terphenyl (SURR)

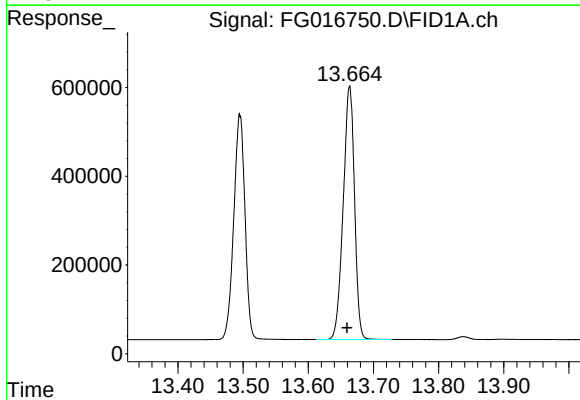
R.T.: 12.052 min
Delta R.T.: 0.005 min
Response: 7725821
Conc: 53.15 ug/ml

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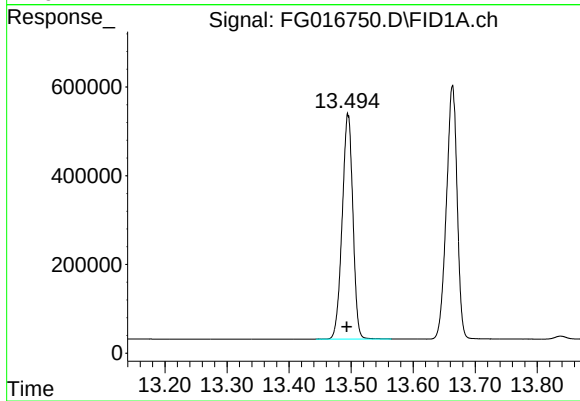
#10 n-Eicosane (C20)

R.T.: 13.047 min
Delta R.T.: 0.003 min
Response: 6925241
Conc: 53.18 ug/ml



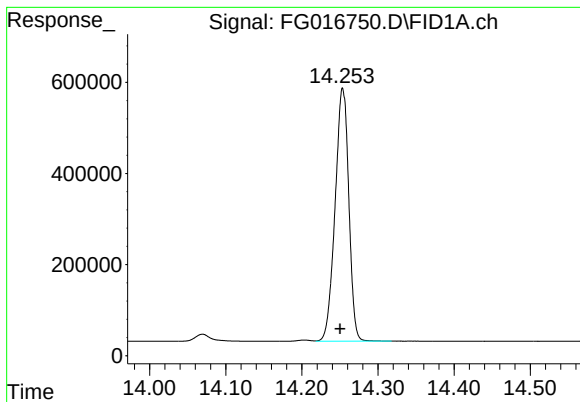
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: 0.004 min
Response: 6876001
Conc: 53.16 ug/ml



#12 1-chlorooctadecane (SURR)

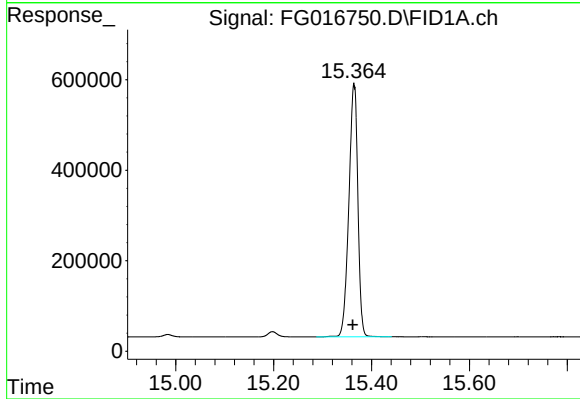
R.T.: 13.495 min
Delta R.T.: 0.002 min
Response: 6072522
Conc: 53.35 ug/ml



#13 n-Docosane (C22)

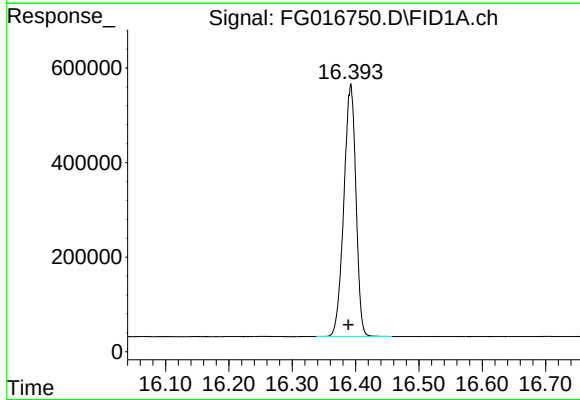
R.T.: 14.254 min
Delta R.T.: 0.004 min
Response: 6946104
Conc: 53.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



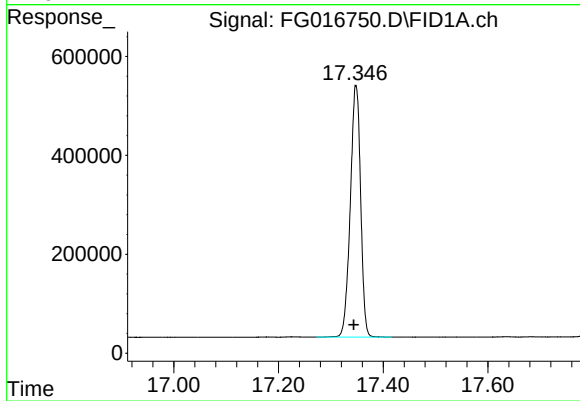
#14 n-Tetracosane (C24)

R.T.: 15.365 min
Delta R.T.: 0.003 min
Response: 7127695
Conc: 54.19 ug/ml



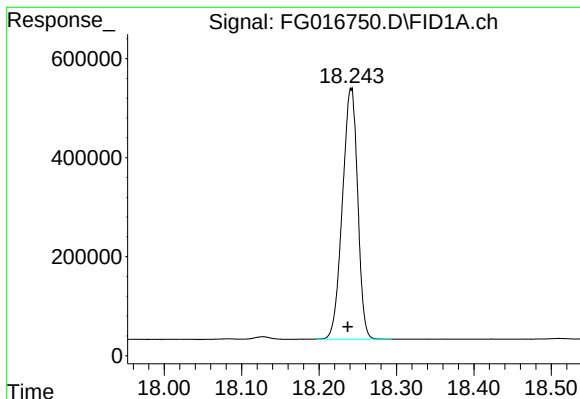
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: 0.004 min
Response: 7078983
Conc: 54.25 ug/ml



#16 n-Octacosane (C28)

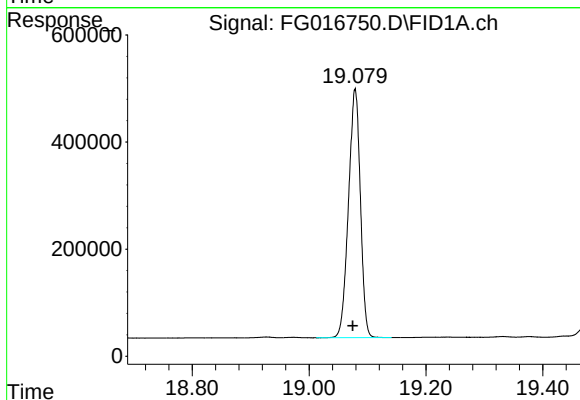
R.T.: 17.348 min
Delta R.T.: 0.004 min
Response: 6964159
Conc: 54.84 ug/ml



#17 n-Tricontane (C30)

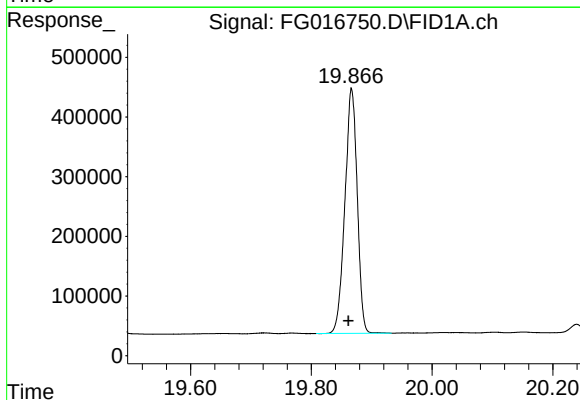
R.T.: 18.241 min
Delta R.T.: 0.004 min
Response: 6942894
Conc: 55.06 ug/ml

Instrument :
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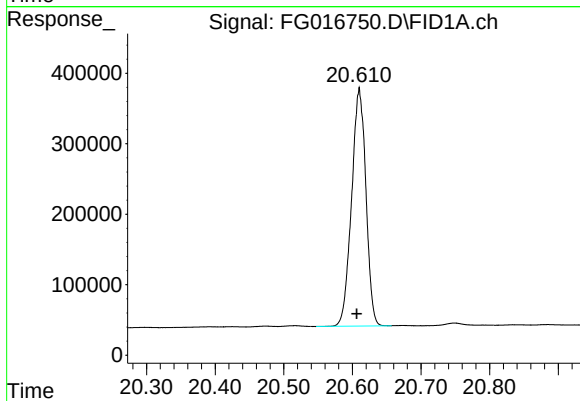
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: 0.004 min
Response: 6559985
Conc: 55.38 ug/ml



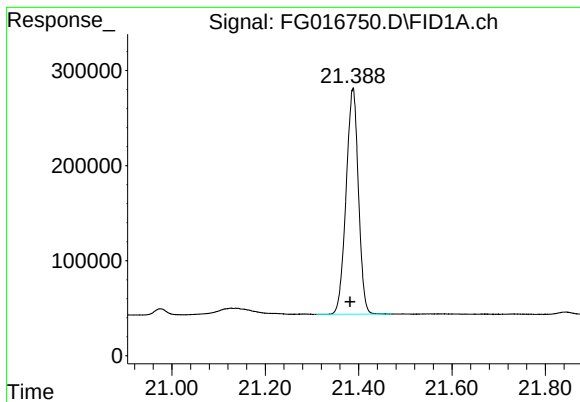
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.005 min
Response: 5815920
Conc: 54.78 ug/ml



#20 n-Hexatriacontane (C36)

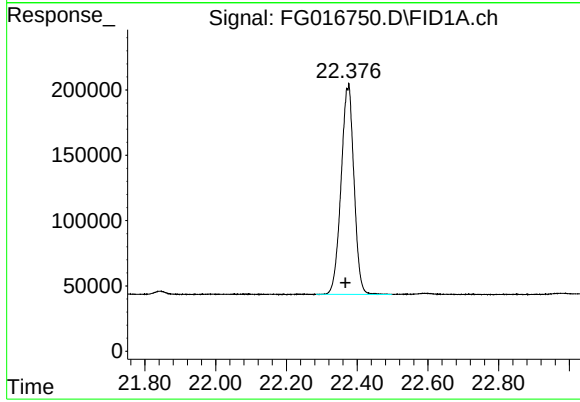
R.T.: 20.610 min
Delta R.T.: 0.004 min
Response: 4886329
Conc: 53.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.006 min
Response: 4354658
Conc: 53.34 ug/ml

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FID_G
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: 0.009 min
Response: 4058038
Conc: 54.08 ug/ml