

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100524AL\
 Data File : FC067352.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2024 21:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 04 03:15:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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)	11.498	2903677	19.083 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	12.937	2169074	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.276	2510271	19.803 ug/ml
2) T n-Decane (C10)	4.341	2576311	20.043 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2835450	19.988 ug/ml
4) T n-Dodecane (C12)	6.356	2580004	19.883 ug/ml
5) T A~2-methylnaphthalene...	6.973	2731783	19.912 ug/ml
6) T n-Tetradecane (C14)	8.149	2536237	19.692 ug/ml
7) T n-Hexadecane (C16)	9.747	2591597	19.468 ug/ml
8) T n-Octadecane (C18)	11.187	2616043	19.292 ug/ml
10) T n-Eicosane (C20)	12.494	2508218	19.210 ug/ml
11) T n-Heneicosane (C21)	13.105	2459371	19.175 ug/ml
13) T n-Docosane (C22)	13.691	2450413	19.191 ug/ml
14) T n-Tetracosane (C24)	14.792	2436717	19.053 ug/ml
15) T n-Hexacosane (C26)	15.811	2396950	19.010 ug/ml
16) T n-Octacosane (C28)	16.759	2422830	19.286 ug/ml
17) T n-Tricontane (C30)	17.645	2590868	20.112 ug/ml
18) T n-Dotriacontane (C32)	18.476	2571608	20.585 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2246798	20.560 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1872268	19.809 ug/ml
21) T n-Octatriacontane (C38)	20.720	1744953	19.897 ug/ml
22) T n-Tetracontane (C40)	21.607	1721391	20.005 ug/ml

(f)=RT Delta > 1/2 Window

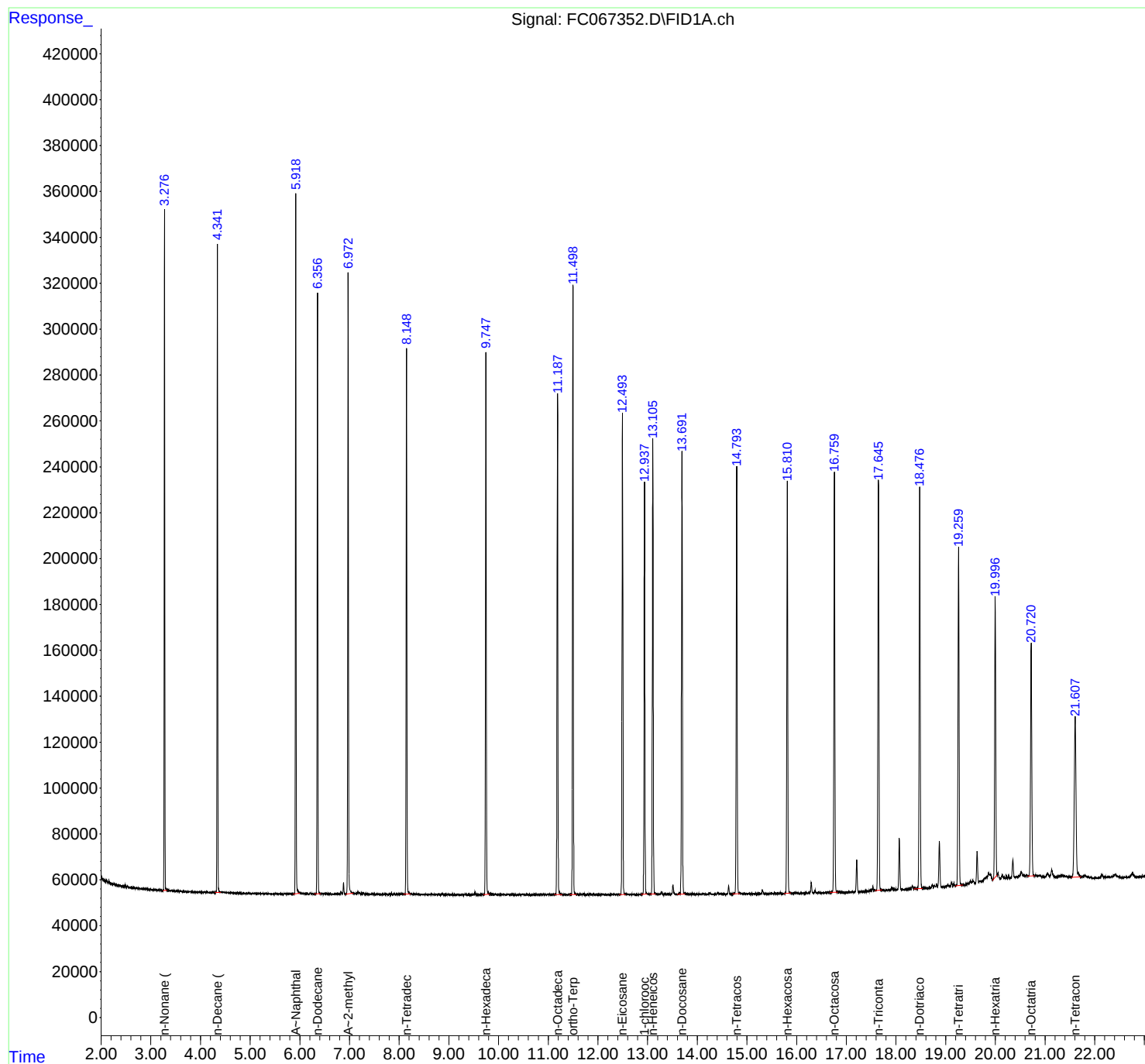
(m)=manual int.

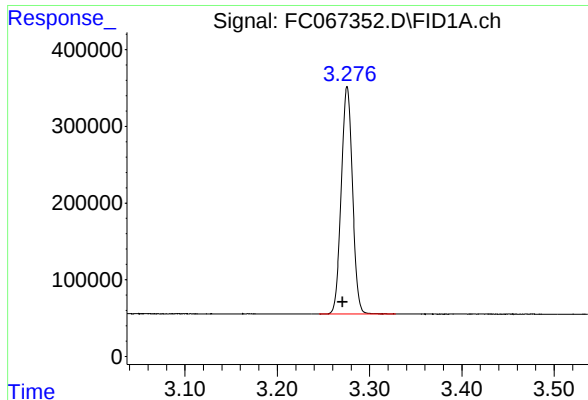
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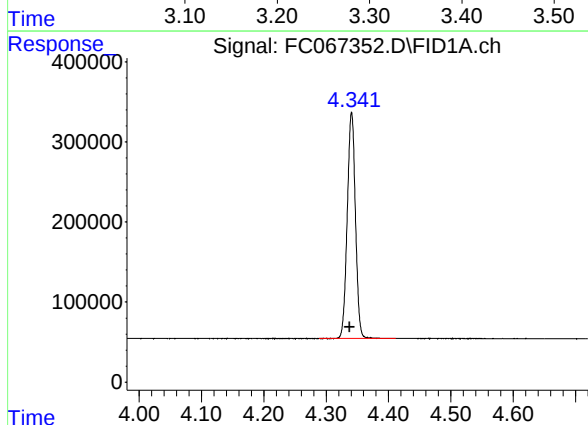




#1 n-Nonane (C9)

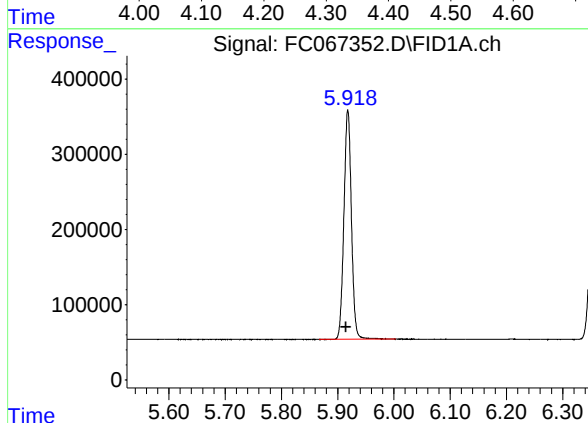
R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 2510271
Conc: 19.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



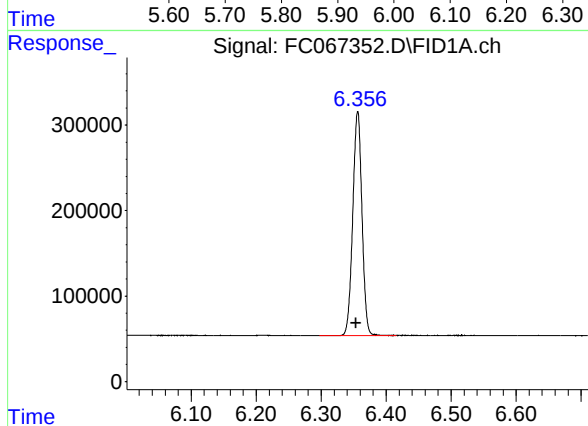
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 2576311
Conc: 20.04 ug/ml



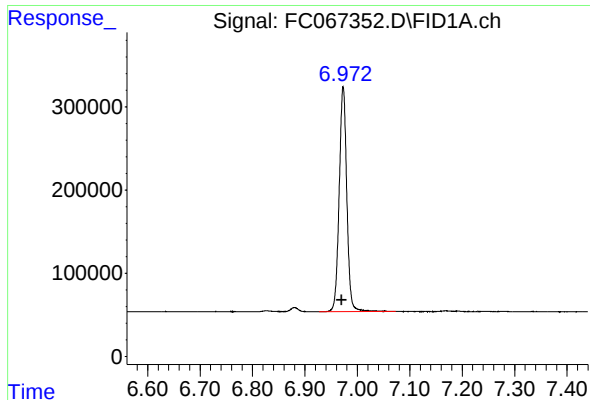
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 2835450
Conc: 19.99 ug/ml



#4 n-Dodecane (C12)

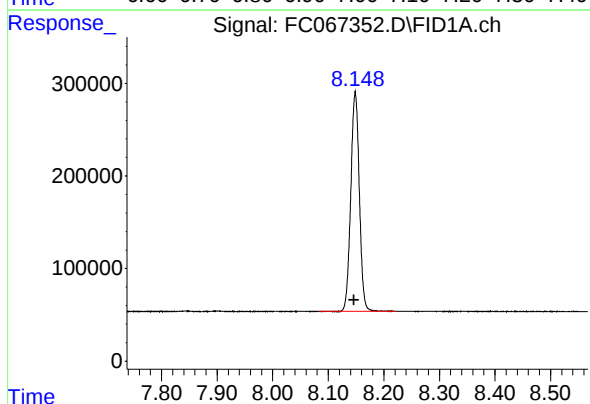
R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 2580004
Conc: 19.88 ug/ml



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

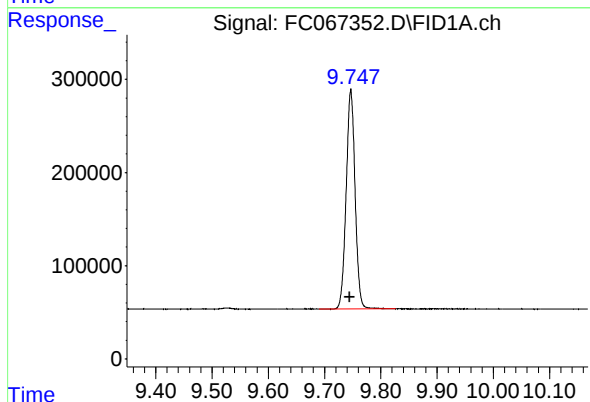
R.T.: 6.973 min
Delta R.T.: 0.003 min
Response: 2731783
Conc: 19.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



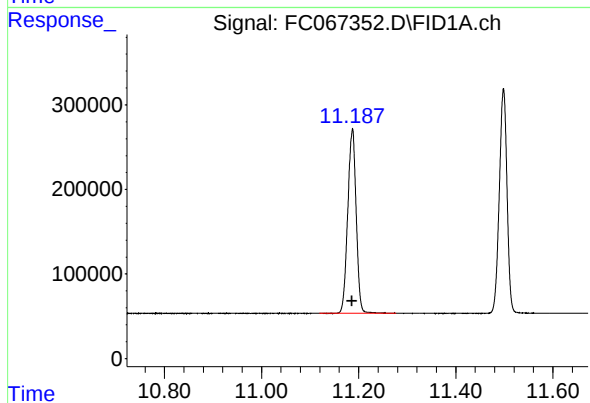
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 2536237
Conc: 19.69 ug/ml



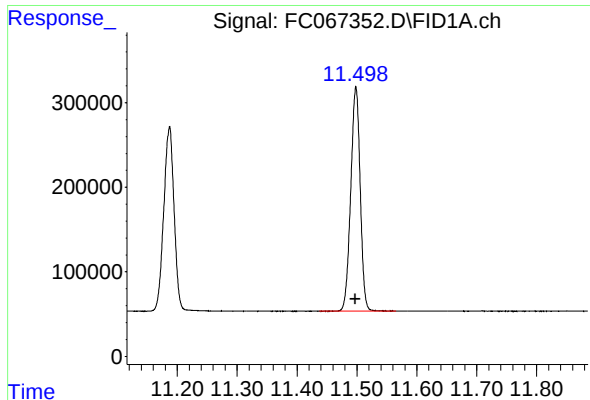
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.002 min
Response: 2591597
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

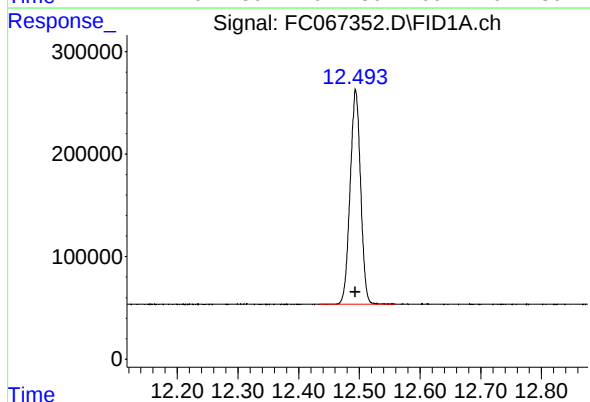
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2616043
Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

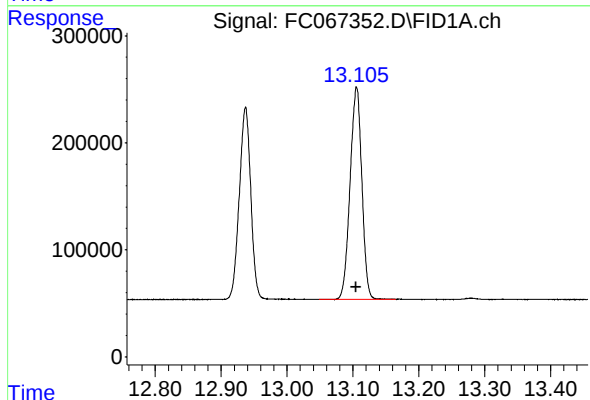
R.T.: 11.498 min
Delta R.T.: 0.001 min
Response: 2903677
Conc: 19.08 ug/ml

Instrument :
FID_C
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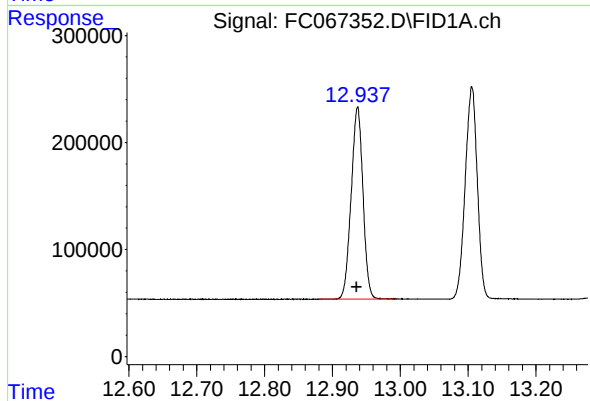
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 2508218
Conc: 19.21 ug/ml



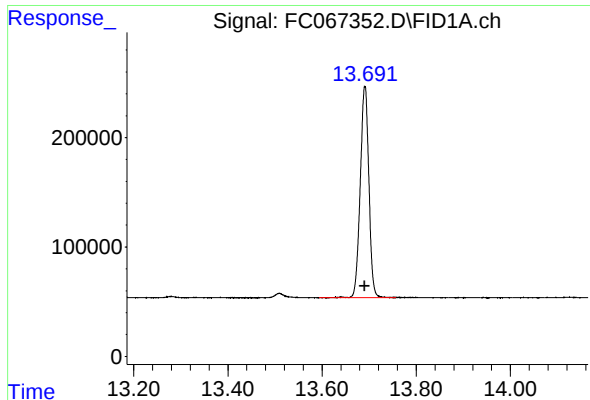
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2459371
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

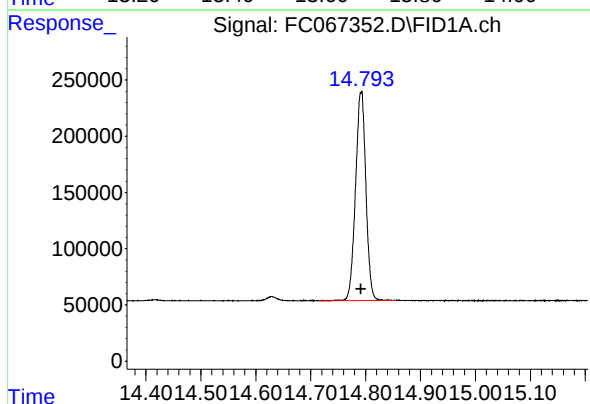
R.T.: 12.937 min
Delta R.T.: 0.001 min
Response: 2169074
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

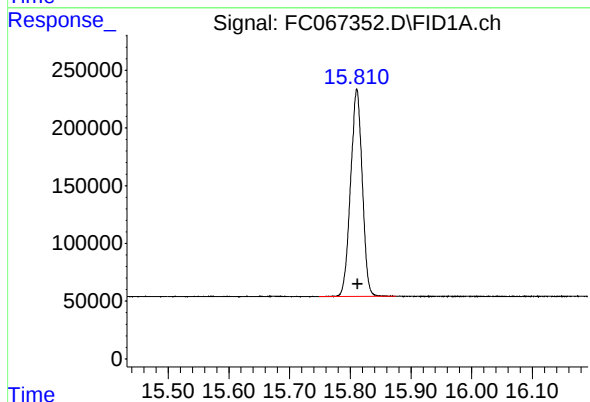
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 2450413
Conc: 19.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



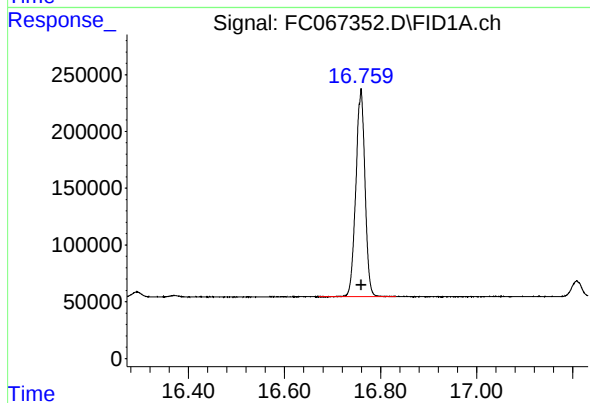
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 2436717
Conc: 19.05 ug/ml



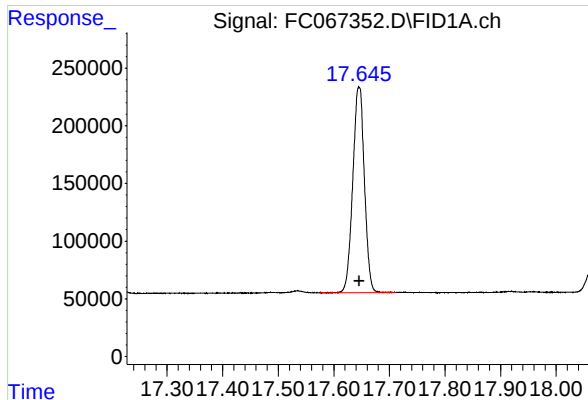
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 2396950
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

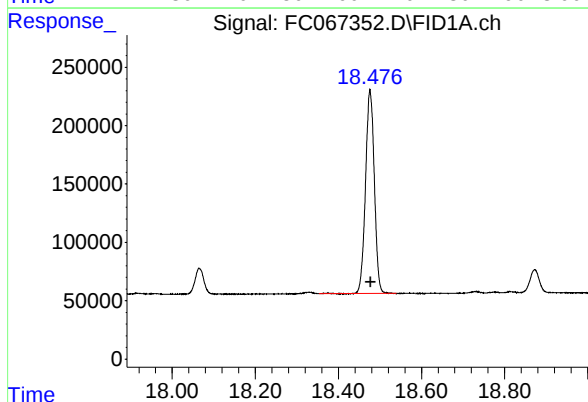
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 2422830
Conc: 19.29 ug/ml



#17 n-Tricontane (C30)

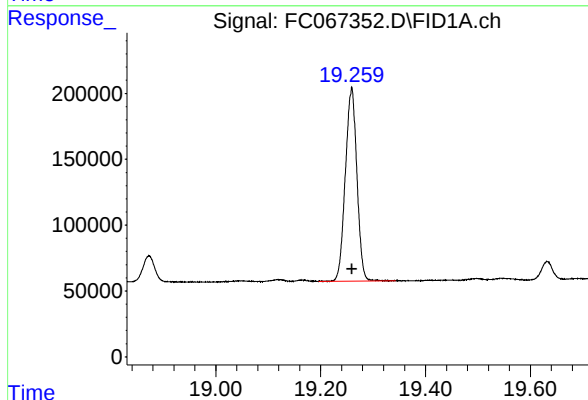
R.T.: 17.645 min
Delta R.T.: 0.000 min
Response: 2590868
Conc: 20.11 ug/ml

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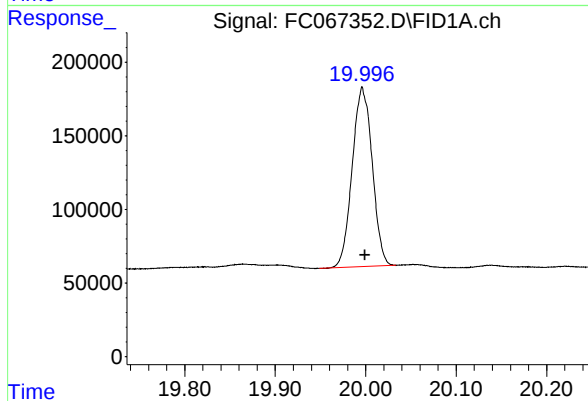
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.001 min
Response: 2571608
Conc: 20.58 ug/ml



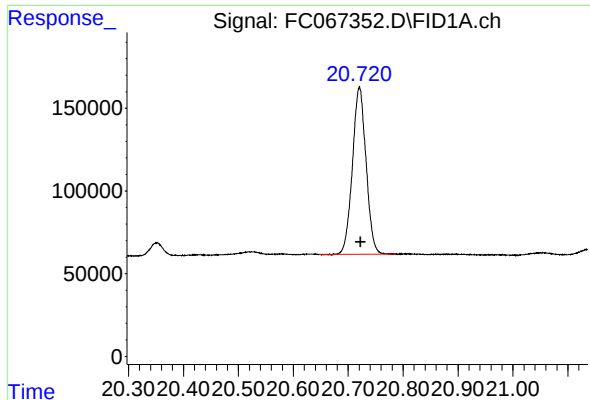
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.000 min
Response: 2246798
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

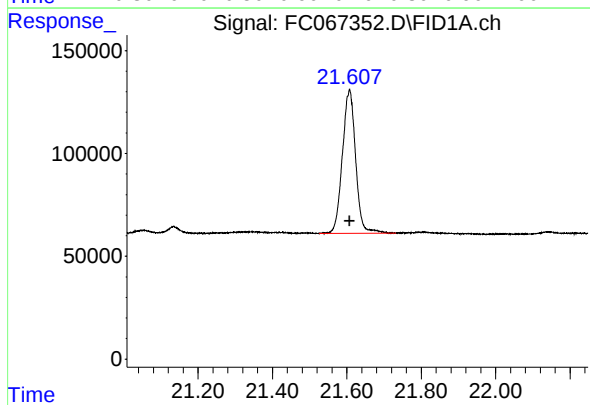
R.T.: 19.997 min
Delta R.T.: -0.003 min
Response: 1872268
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.003 min
Response: 1744953
Conc: 19.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.000 min
Response: 1721391
Conc: 20.01 ug/ml