

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101023AL\
 Data File : FG013067.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 12:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 00:17:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 2023
 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)	11.989	2445436	18.179 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	13.429	1830740	18.166 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.345	2168860	18.157 ug/ml
2) T n-Decane (C10)	4.597	2215010	18.169 ug/ml
3) T A~Naphthalene (C11.7)	6.310	2336817	18.055 ug/ml
4) T n-Dodecane (C12)	6.771	2203324	18.076 ug/ml
5) T A~2-methylnaphthalene...	7.410	2249216	18.089 ug/ml
6) T n-Tetradecane (C14)	8.606	2155863	18.021 ug/ml
7) T n-Hexadecane (C16)	10.220	2213923	18.093 ug/ml
8) T n-Octadecane (C18)	11.668	2218532	18.120 ug/ml
10) T n-Eicosane (C20)	12.982	2119469	18.154 ug/ml
11) T n-Heneicosane (C21)	13.596	2069924	18.127 ug/ml
13) T n-Docosane (C22)	14.184	2068570	18.227 ug/ml
14) T n-Tetracosane (C24)	15.291	2072763	18.310 ug/ml
15) T n-Hexacosane (C26)	16.315	2044293	18.437 ug/ml
16) T n-Octacosane (C28)	17.267	2038561	18.582 ug/ml
17) T n-Tricontane (C30)	18.157	2155124	18.821 ug/ml
18) T n-Dotriacontane (C32)	18.990	2165842	18.867 ug/ml
19) T n-Tetratriacontane (C34)	19.775	2079130	18.583 ug/ml
20) T n-Hexatriacontane (C36)	20.515	2021455	17.726 ug/ml
21) T n-Octatriacontane (C38)	21.273	2016785	17.580 ug/ml
22) T n-Tetracontane (C40)	22.225	2086573	18.025 ug/ml

(f)=RT Delta > 1/2 Window

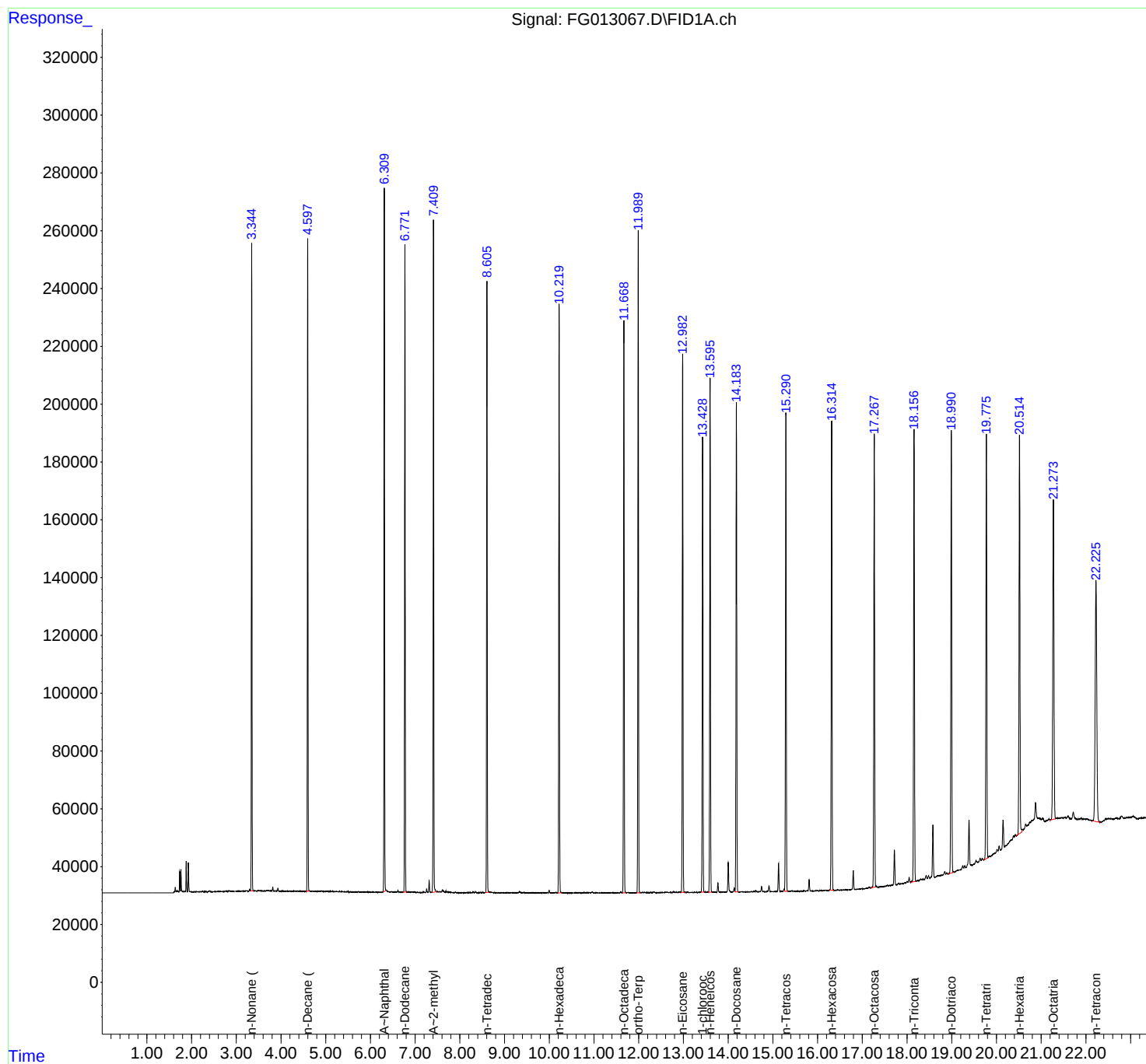
(m)=manual int.

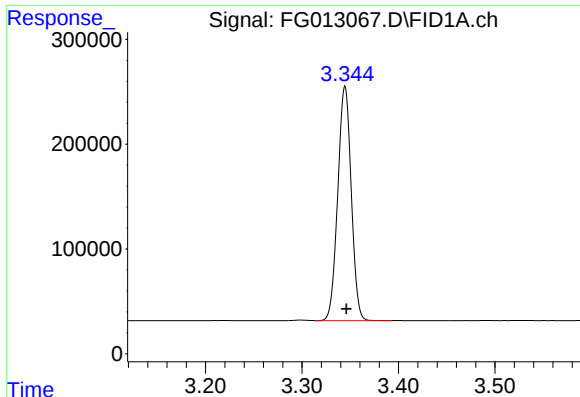
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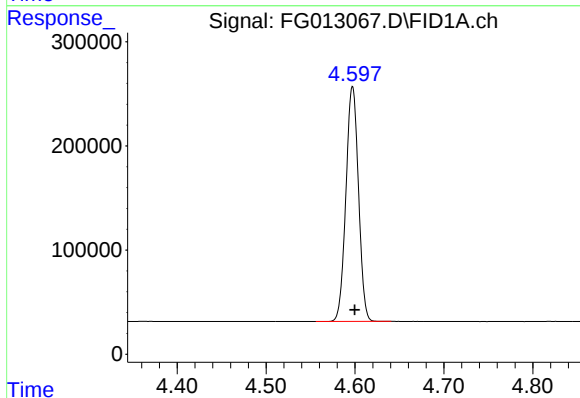




#1 n-Nonane (C9)

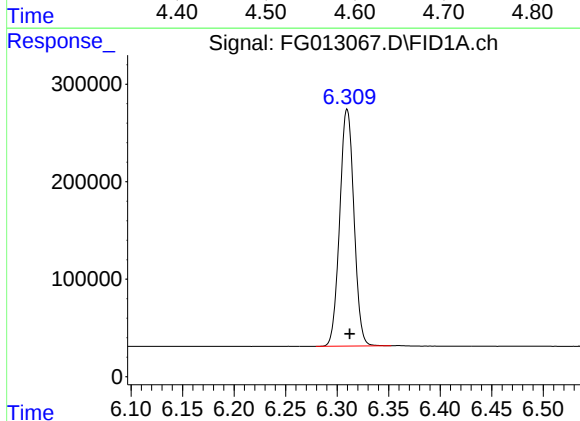
R.T.: 3.345 min
Delta R.T.: -0.001 min
Response: 2168860
Conc: 18.16 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



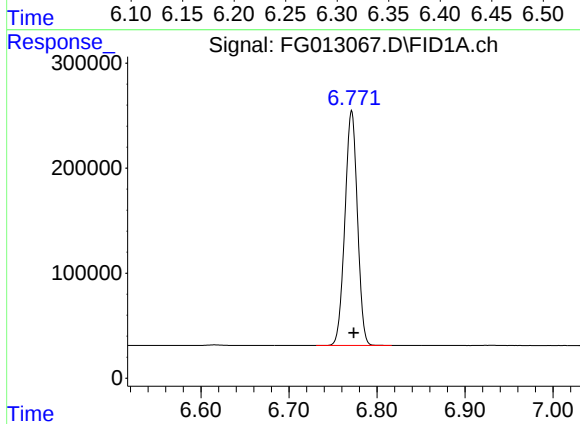
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 2215010
Conc: 18.17 ug/ml



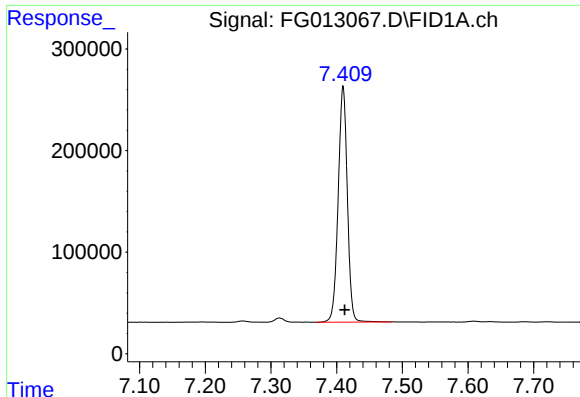
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.003 min
Response: 2336817
Conc: 18.05 ug/ml



#4 n-Dodecane (C12)

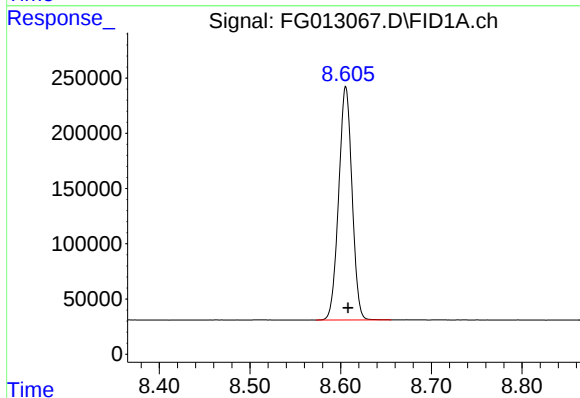
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 2203324
Conc: 18.08 ug/ml



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

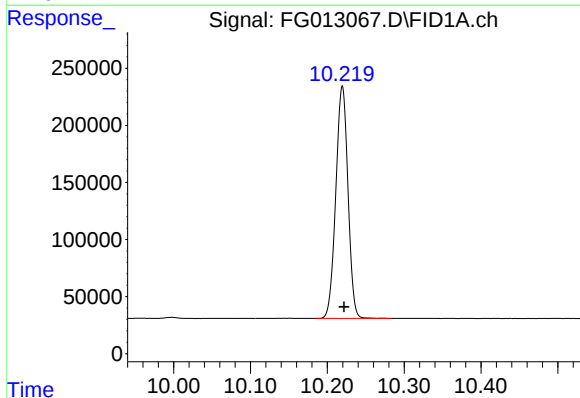
R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 2249216
Conc: 18.09 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



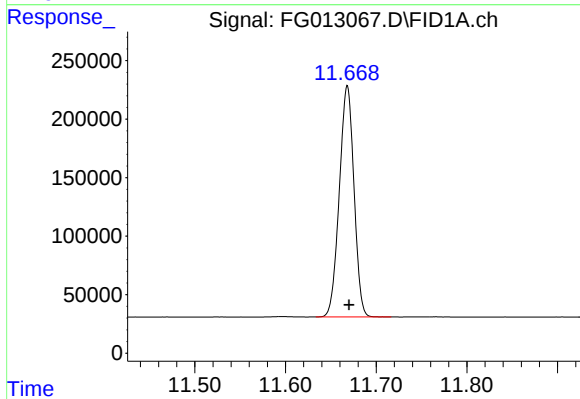
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 2155863
Conc: 18.02 ug/ml



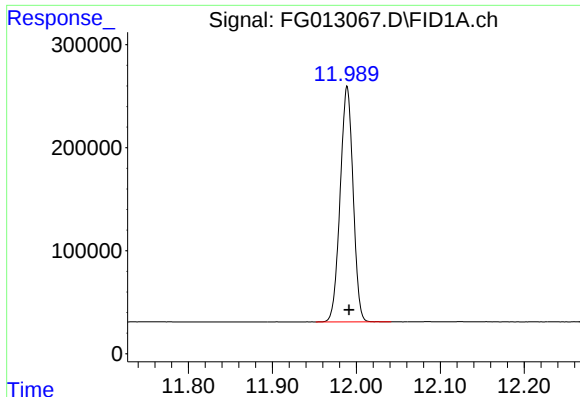
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: -0.002 min
Response: 2213923
Conc: 18.09 ug/ml



#8 n-Octadecane (C18)

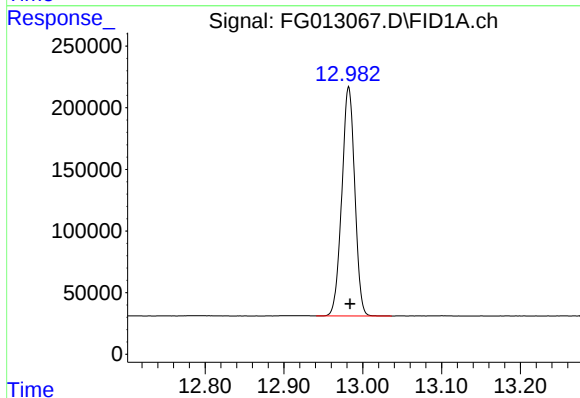
R.T.: 11.668 min
Delta R.T.: -0.002 min
Response: 2218532
Conc: 18.12 ug/ml



#9 ortho-Terphenyl (SURR)

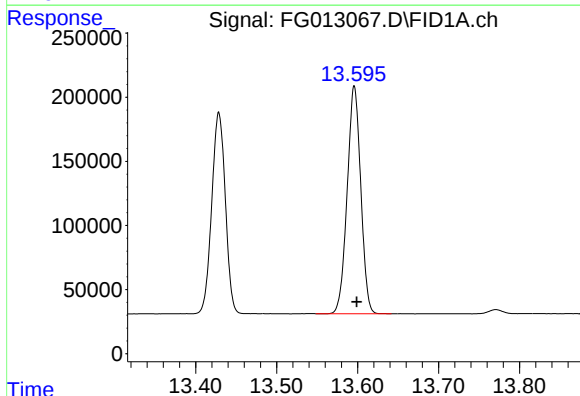
R.T.: 11.989 min
Delta R.T.: -0.002 min
Response: 2445436
Conc: 18.18 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



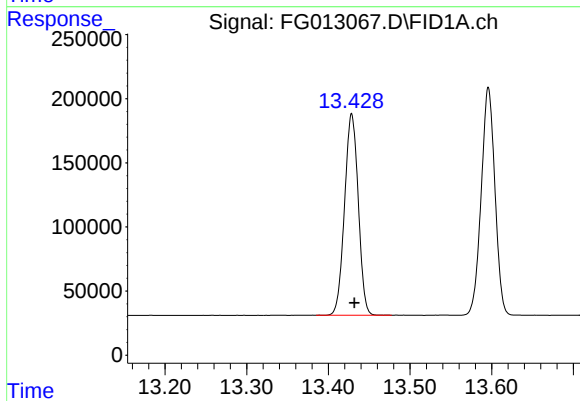
#10 n-Eicosane (C20)

R.T.: 12.982 min
Delta R.T.: -0.002 min
Response: 2119469
Conc: 18.15 ug/ml



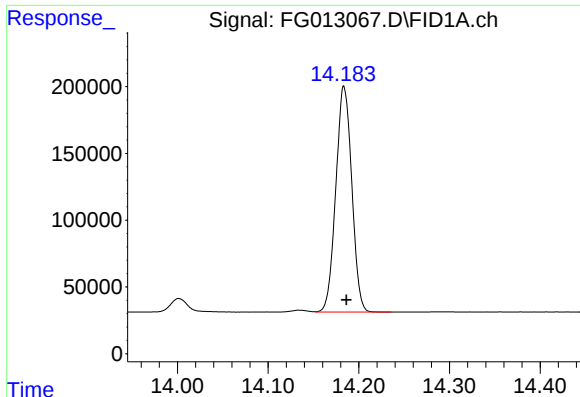
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: -0.003 min
Response: 2069924
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

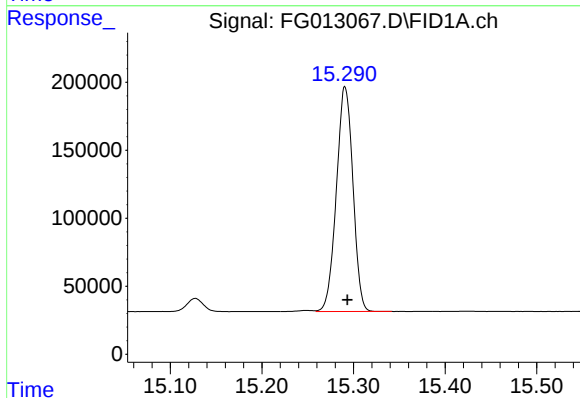
R.T.: 13.429 min
Delta R.T.: -0.003 min
Response: 1830740
Conc: 18.17 ug/ml



#13 n-Docosane (C22)

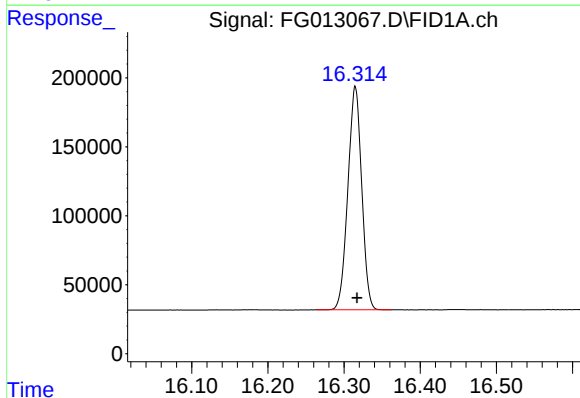
R.T.: 14.184 min
Delta R.T.: -0.003 min
Response: 2068570
Conc: 18.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



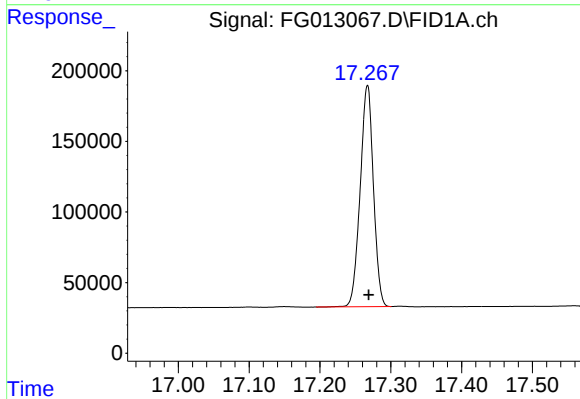
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: -0.002 min
Response: 2072763
Conc: 18.31 ug/ml



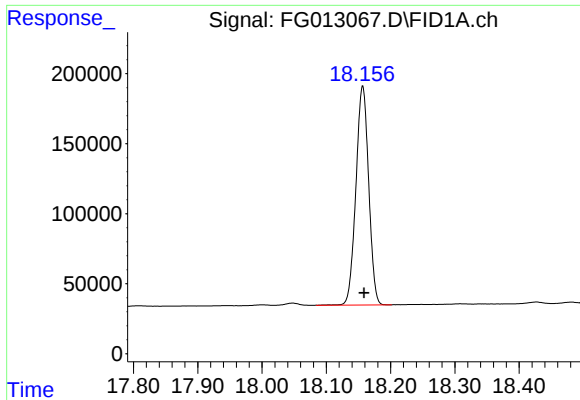
#15 n-Hexacosane (C26)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 2044293
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

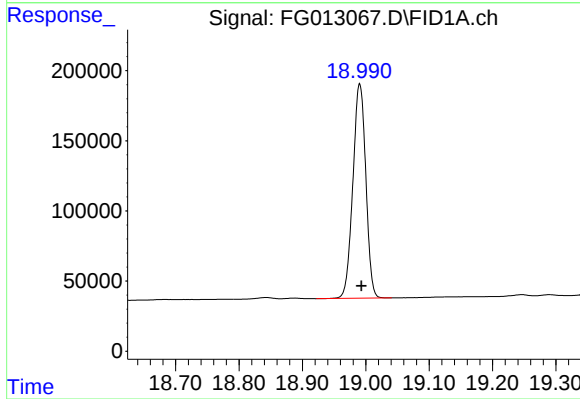
R.T.: 17.267 min
Delta R.T.: -0.002 min
Response: 2038561
Conc: 18.58 ug/ml



#17 n-Tricontane (C30)

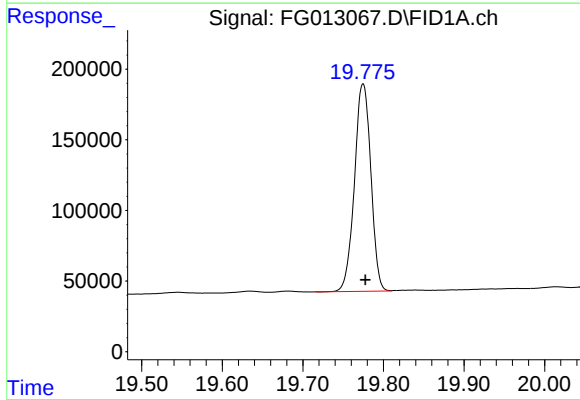
R.T.: 18.157 min
Delta R.T.: -0.002 min
Response: 2155124
Conc: 18.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



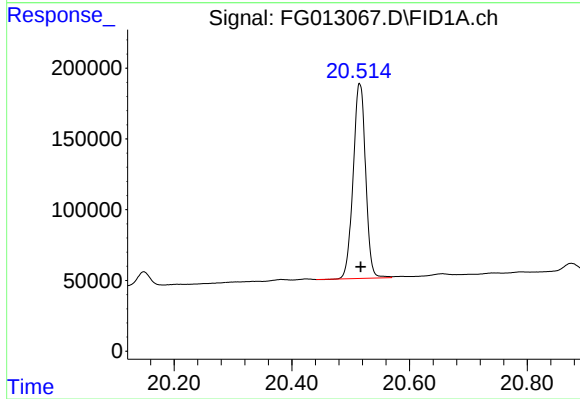
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: -0.003 min
Response: 2165842
Conc: 18.87 ug/ml



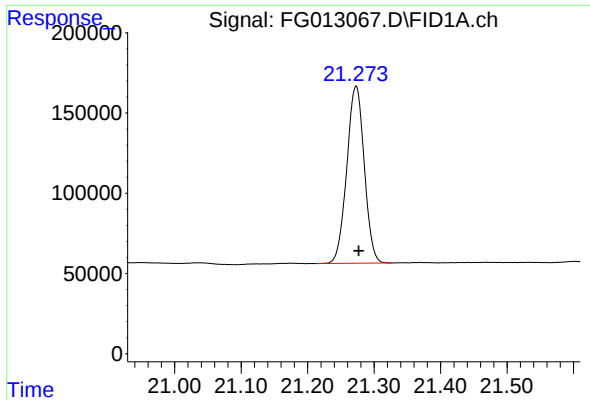
#19 n-Tetratriacontane (C34)

R.T.: 19.775 min
Delta R.T.: -0.003 min
Response: 2079130
Conc: 18.58 ug/ml



#20 n-Hexatriacontane (C36)

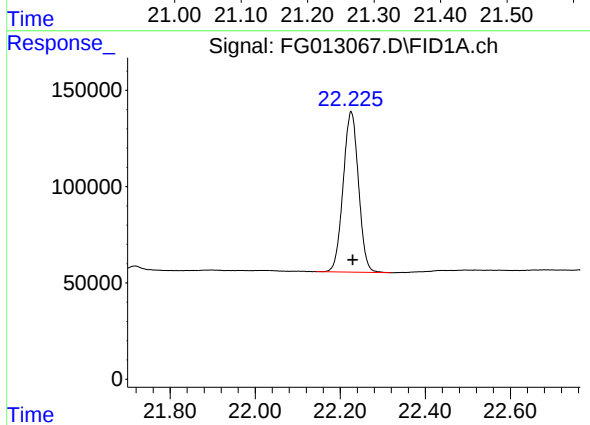
R.T.: 20.515 min
Delta R.T.: -0.002 min
Response: 2021455
Conc: 17.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.273 min
Delta R.T.: -0.004 min
Response: 2016785
Conc: 17.58 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: -0.004 min
Response: 2086573
Conc: 18.03 ug/ml