

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050422AL\
 Data File : FG009735.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2022 10:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 04 16:08:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 2022
 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)	10.839	2852094	18.607 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	12.290	2239898	18.407 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
Target Compounds			
1) T n-Nonane (C9)	2.667	2401960	18.925 ug/ml
2) T n-Decane (C10)	3.678	2373995	19.214 ug/ml
3) T A~Naphthalene (C11.7)	5.239	2683588	19.265 ug/ml
4) T n-Dodecane (C12)	5.678	2455997	19.231 ug/ml
5) T A~2-methylnaphthalene...	6.293	2688955	19.540 ug/ml
6) T n-Tetradecane (C14)	7.476	2465107	19.279 ug/ml
7) T n-Hexadecane (C16)	9.083	2491636	18.725 ug/ml
8) T n-Octadecane (C18)	10.531	2618796	18.935 ug/ml
10) T n-Eicosane (C20)	11.845	2595738	18.642 ug/ml
11) T n-Heneicosane (C21)	12.459	2602458	18.461 ug/ml
13) T n-Docosane (C22)	13.049	2591904	18.333 ug/ml
14) T n-Tetracosane (C24)	14.157	2553987	17.921 ug/ml
15) T n-Hexacosane (C26)	15.182	2481662	17.414 ug/ml
16) T n-Octacosane (C28)	16.136	2412543	16.972 ug/ml
17) T n-Tricontane (C30)	17.027	2325501	16.621 ug/ml
18) T n-Dotriacontane (C32)	17.862	2158121	16.384 ug/ml
19) T n-Tetratriacontane (C34)	18.649	1972819	16.815 ug/ml
20) T n-Hexatriacontane (C36)	19.393	1751272	17.509 ug/ml
21) T n-Octatriacontane (C38)	20.131	1621679	18.703 ug/ml
22) T n-Tetracontane (C40)	21.042	1560449	19.562 ug/ml

(f)=RT Delta > 1/2 Window

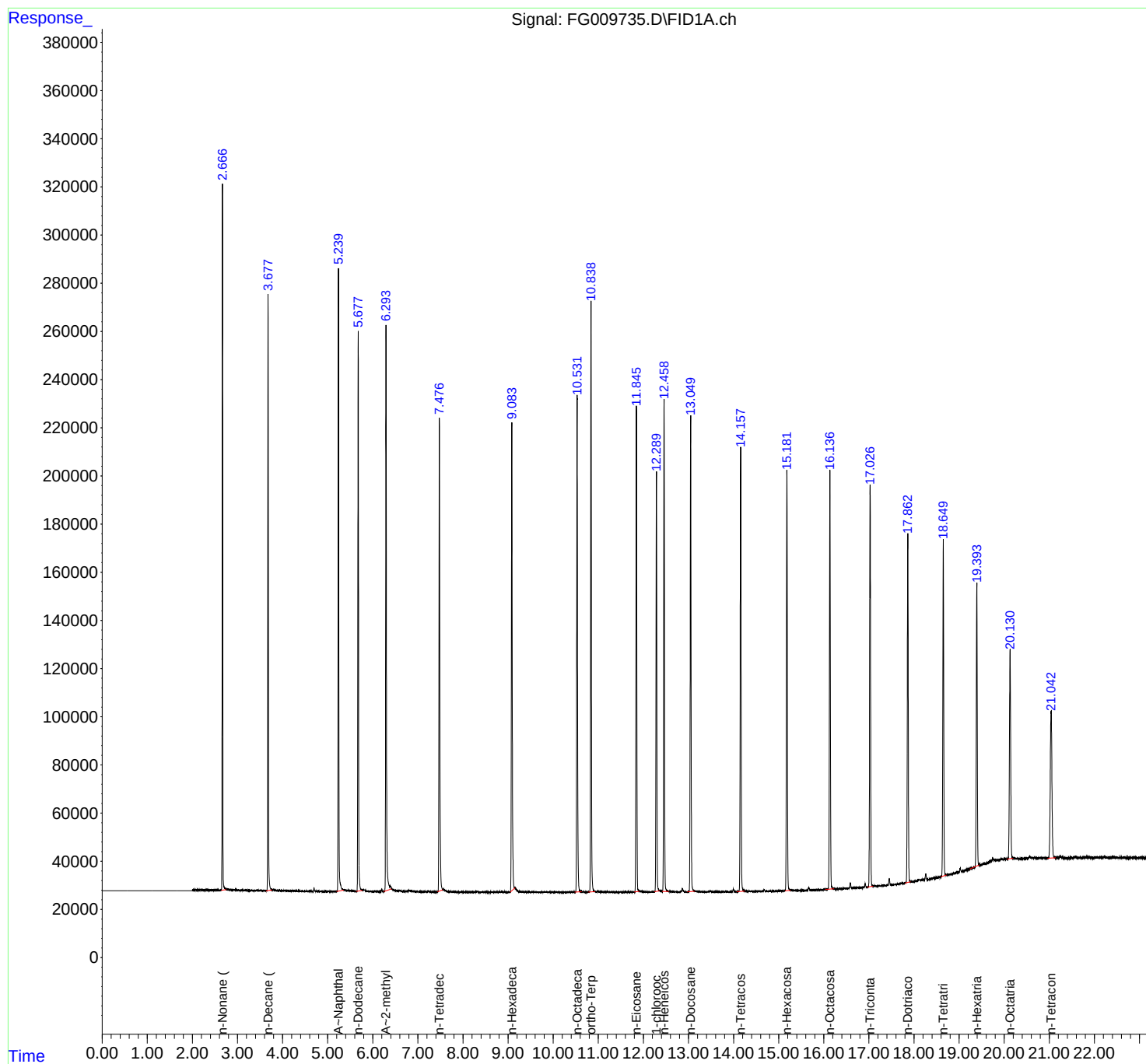
(m)=manual int.

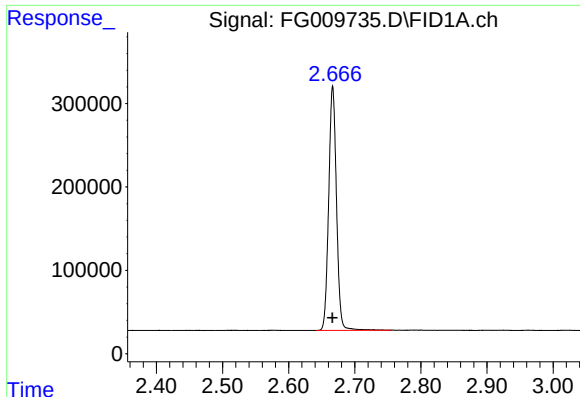
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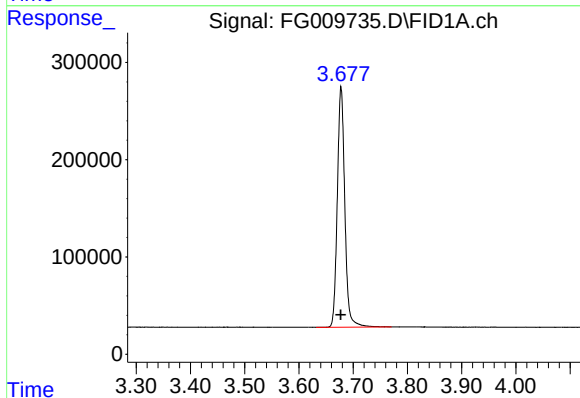




#1 n-Nonane (C9)

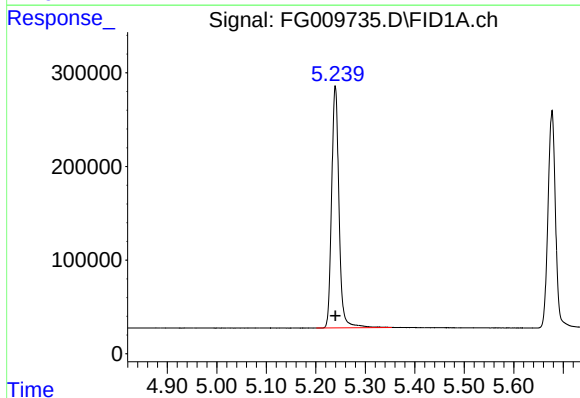
R.T.: 2.667 min
Delta R.T.: 0.000 min
Response: 2401960
Conc: 18.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



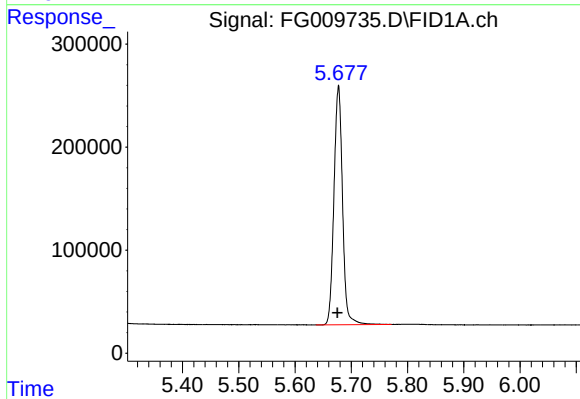
#2 n-Decane (C10)

R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 2373995
Conc: 19.21 ug/ml



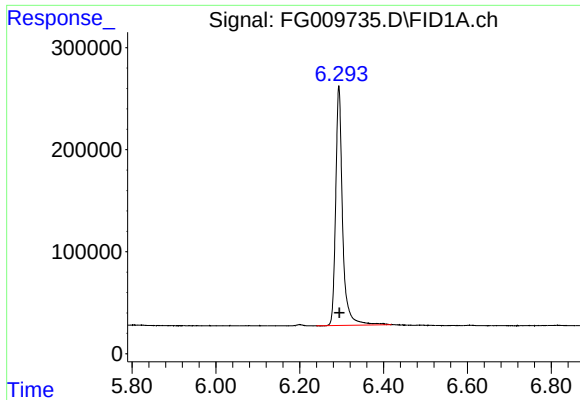
#3 A~Naphthalene (C11.7)

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 2683588
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

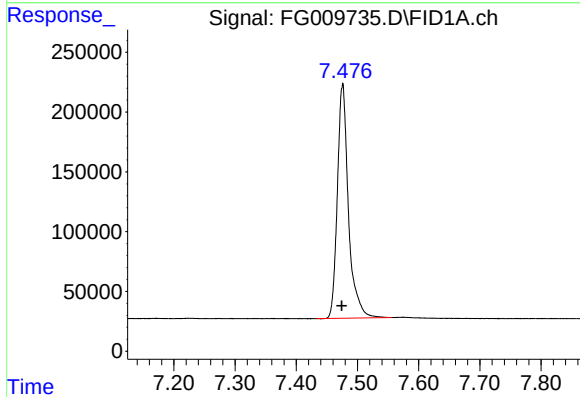
R.T.: 5.678 min
Delta R.T.: 0.002 min
Response: 2455997
Conc: 19.23 ug/ml



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

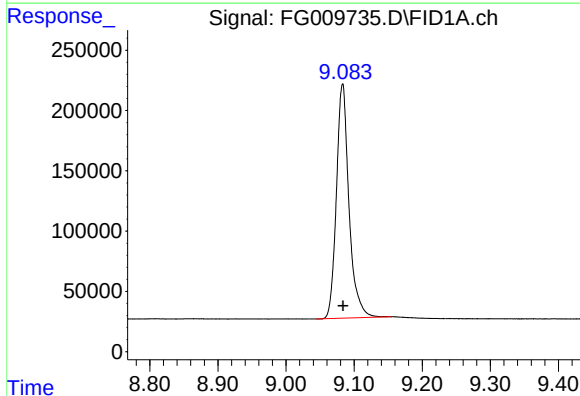
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 2688955
Conc: 19.54 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



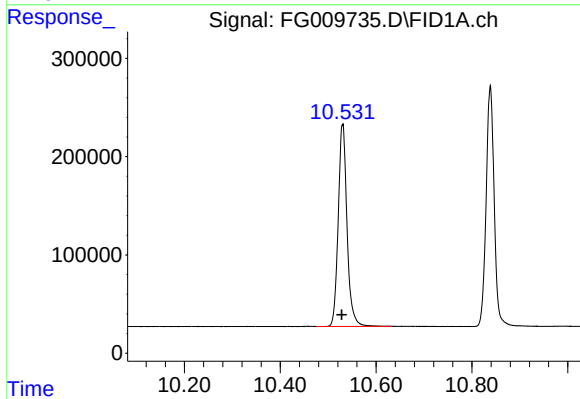
#6 n-Tetradecane (C14)

R.T.: 7.476 min
Delta R.T.: 0.002 min
Response: 2465107
Conc: 19.28 ug/ml



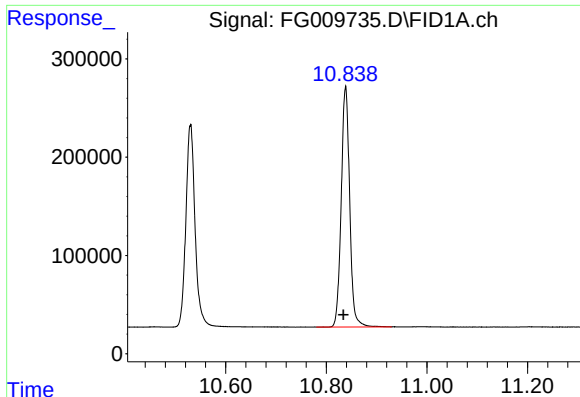
#7 n-Hexadecane (C16)

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 2491636
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

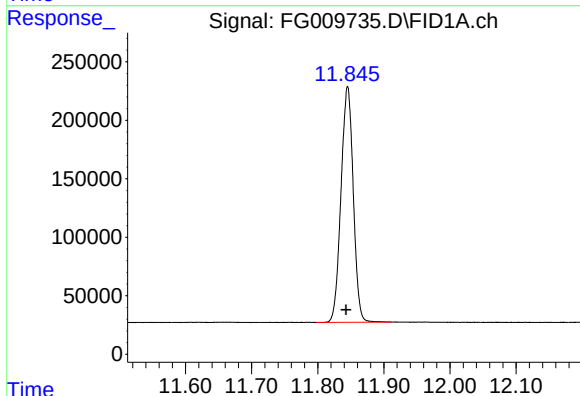
R.T.: 10.531 min
Delta R.T.: 0.002 min
Response: 2618796
Conc: 18.94 ug/ml



#9 ortho-Terphenyl (SURR)

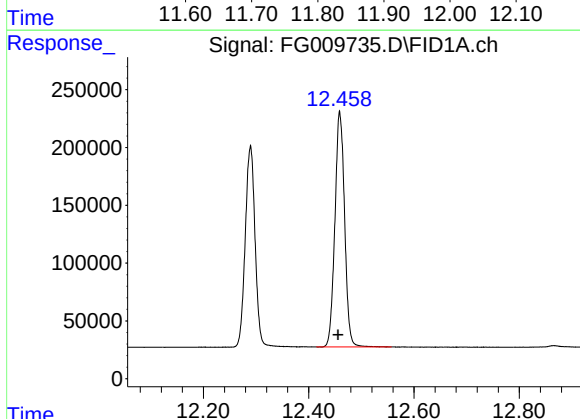
R.T.: 10.839 min
Delta R.T.: 0.005 min
Response: 2852094
Conc: 18.61 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



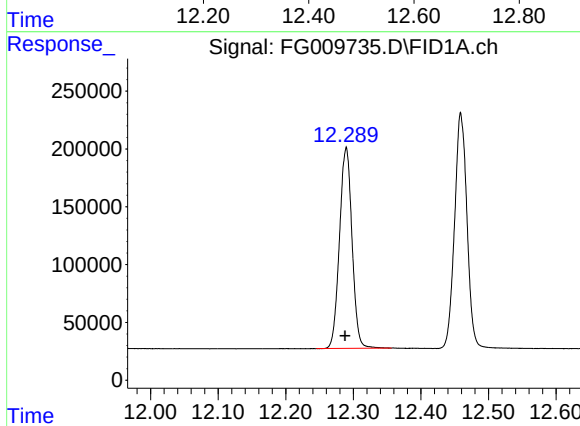
#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: 0.003 min
Response: 2595738
Conc: 18.64 ug/ml



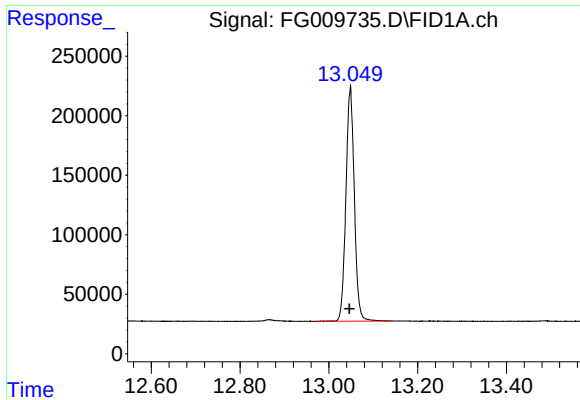
#11 n-Heneicosane (C21)

R.T.: 12.459 min
Delta R.T.: 0.003 min
Response: 2602458
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

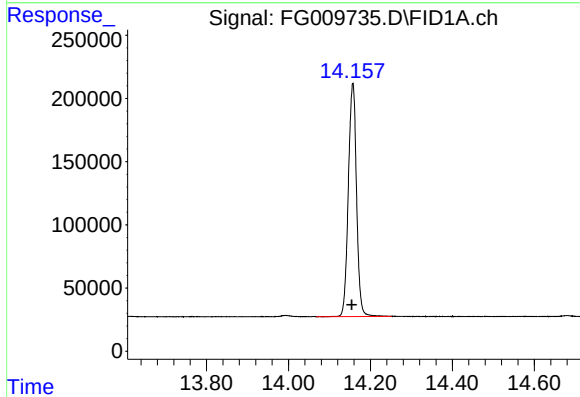
R.T.: 12.290 min
Delta R.T.: 0.002 min
Response: 2239898
Conc: 18.41 ug/ml



#13 n-Docosane (C22)

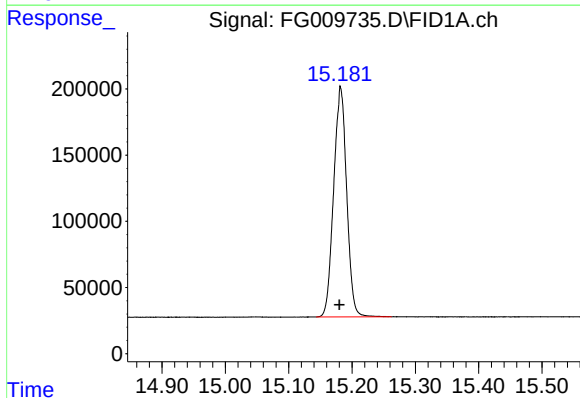
R.T.: 13.049 min
Delta R.T.: 0.002 min
Response: 2591904
Conc: 18.33 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



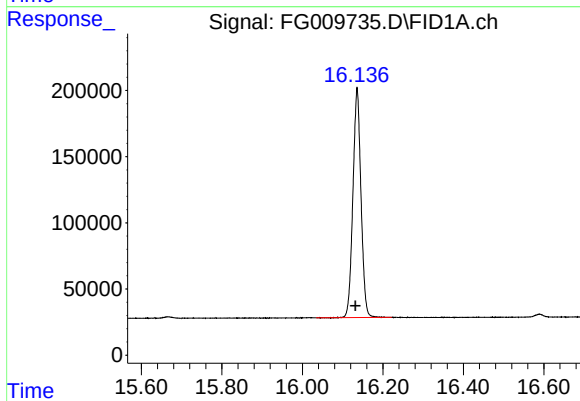
#14 n-Tetracosane (C24)

R.T.: 14.157 min
Delta R.T.: 0.003 min
Response: 2553987
Conc: 17.92 ug/ml



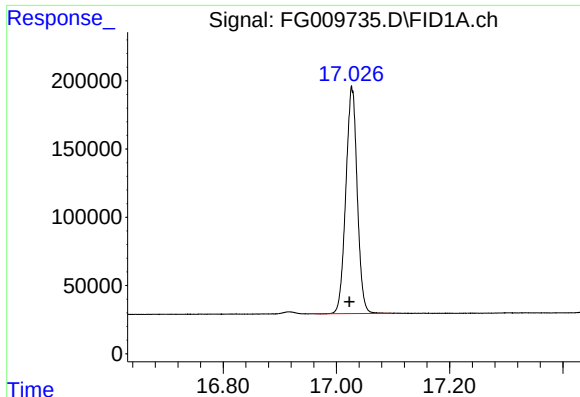
#15 n-Hexacosane (C26)

R.T.: 15.182 min
Delta R.T.: 0.002 min
Response: 2481662
Conc: 17.41 ug/ml



#16 n-Octacosane (C28)

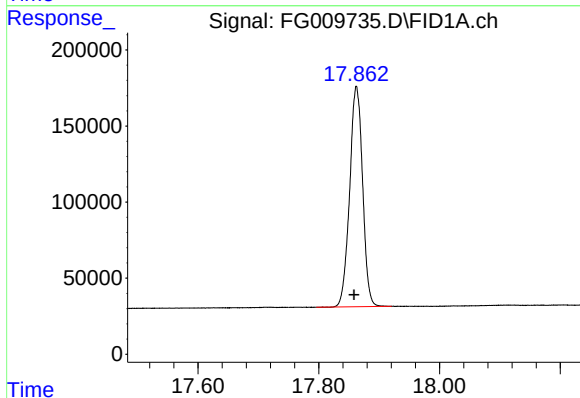
R.T.: 16.136 min
Delta R.T.: 0.004 min
Response: 2412543
Conc: 16.97 ug/ml



#17 n-Tricontane (C30)

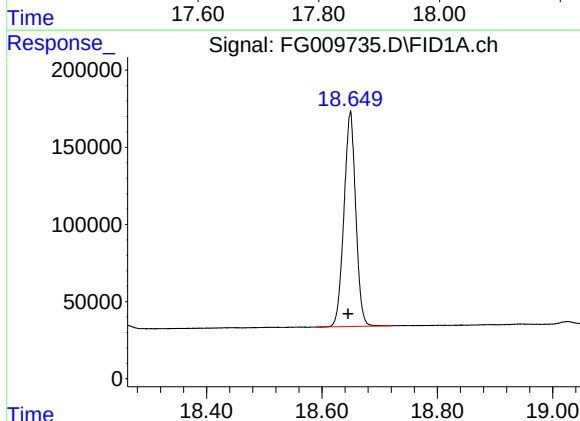
R.T.: 17.027 min
Delta R.T.: 0.004 min
Response: 2325501
Conc: 16.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



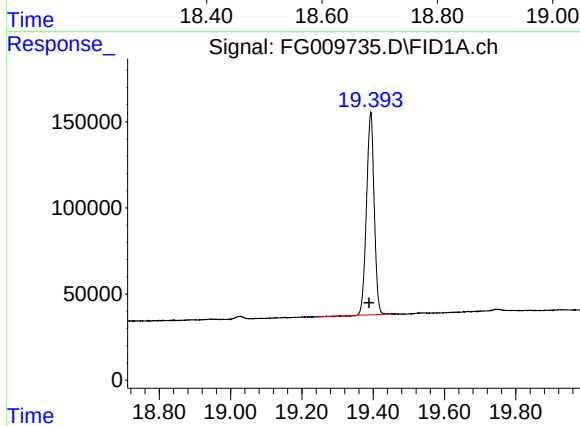
#18 n-Dotriacontane (C32)

R.T.: 17.862 min
Delta R.T.: 0.004 min
Response: 2158121
Conc: 16.38 ug/ml



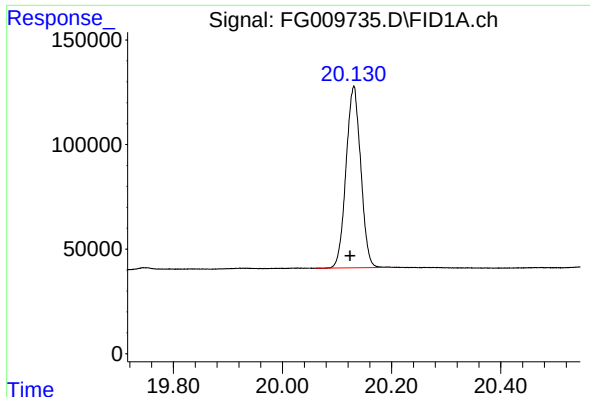
#19 n-Tetratriacontane (C34)

R.T.: 18.649 min
Delta R.T.: 0.004 min
Response: 1972819
Conc: 16.82 ug/ml



#20 n-Hexatriacontane (C36)

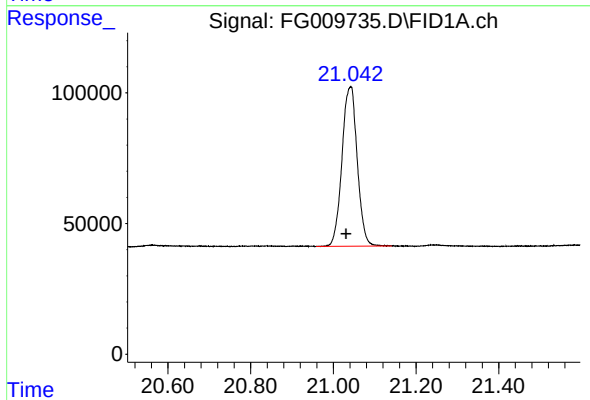
R.T.: 19.393 min
Delta R.T.: 0.005 min
Response: 1751272
Conc: 17.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.131 min
Delta R.T.: 0.007 min
Response: 1621679
Conc: 18.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.042 min
Delta R.T.: 0.011 min
Response: 1560449
Conc: 19.56 ug/ml