

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061323AL\
 Data File : FF012883.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2023 10:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 14 00:34:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 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)	10.883	2979840	18.603 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	12.314	2139805	18.105 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	2.749	2397769	18.322 ug/ml
2) T n-Decane (C10)	3.757	2414901	18.076 ug/ml
3) T A~Naphthalene (C11.7)	5.323	2547593	18.082 ug/ml
4) T n-Dodecane (C12)	5.742	2437892	18.011 ug/ml
5) T A~2-methylnaphthalene...	6.371	2374490	17.891 ug/ml
6) T n-Tetradecane (C14)	7.529	2403202	17.962 ug/ml
7) T n-Hexadecane (C16)	9.126	2488974	17.979 ug/ml
8) T n-Octadecane (C18)	10.564	2572936	18.074 ug/ml
10) T n-Eicosane (C20)	11.870	2523716	18.351 ug/ml
11) T n-Heneicosane (C21)	12.480	2495720	18.454 ug/ml
13) T n-Docosane (C22)	13.064	2478884	18.518 ug/ml
14) T n-Tetracosane (C24)	14.165	2465125	18.748 ug/ml
15) T n-Hexacosane (C26)	15.184	2402587	18.896 ug/ml
16) T n-Octacosane (C28)	16.132	2342942	19.056 ug/ml
17) T n-Tricontane (C30)	17.017	2361874	19.131 ug/ml
18) T n-Dotriacontane (C32)	17.847	2320631	19.180 ug/ml
19) T n-Tetratriacontane (C34)	18.629	2253899	19.265 ug/ml
20) T n-Hexatriacontane (C36)	19.369	2157643	19.150 ug/ml
21) T n-Octatriacontane (C38)	20.093	2057971	18.476 ug/ml
22) T n-Tetracontane (C40)	20.977	1889310	17.122 ug/ml

(f)=RT Delta > 1/2 Window

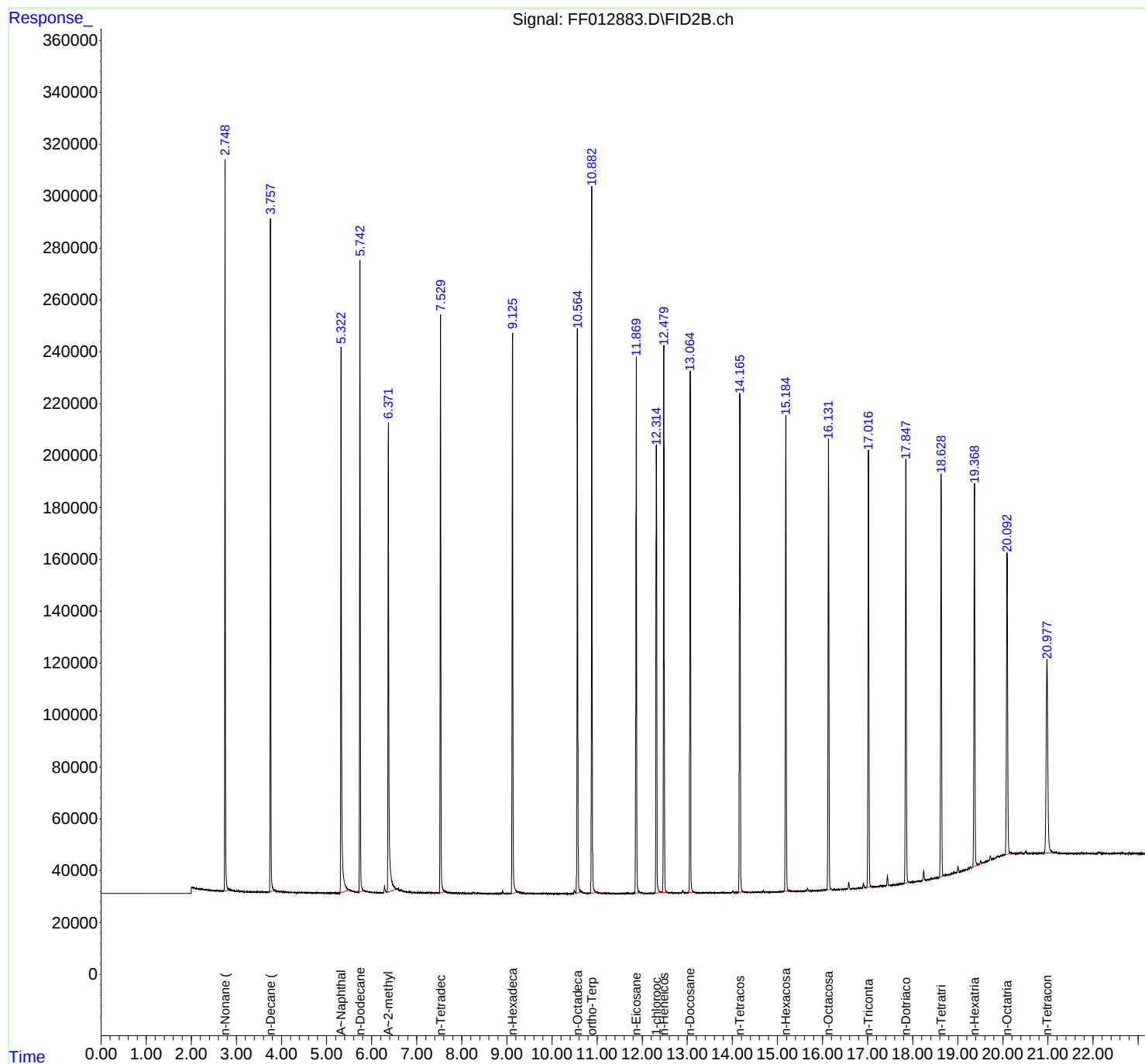
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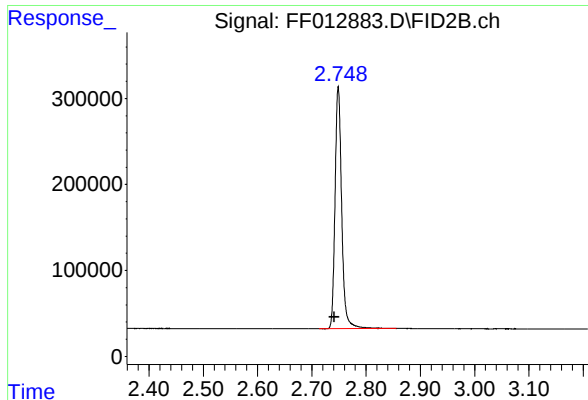
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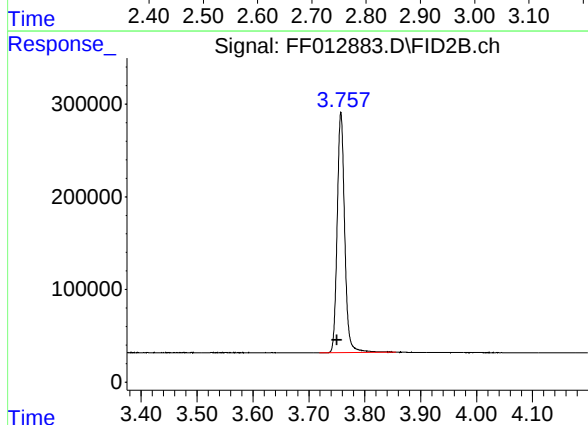




#1 n-Nonane (C9)

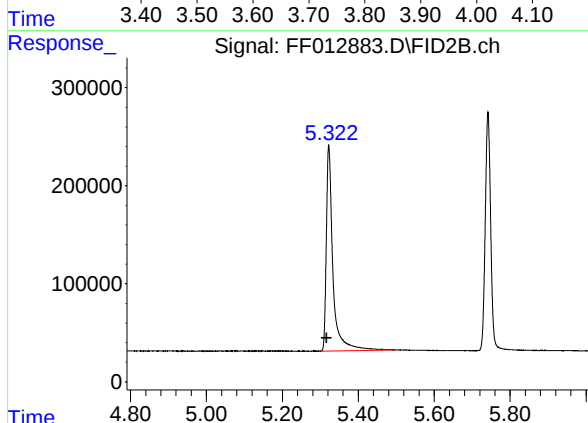
R.T.: 2.749 min
Delta R.T.: 0.007 min
Response: 2397769
Conc: 18.32 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



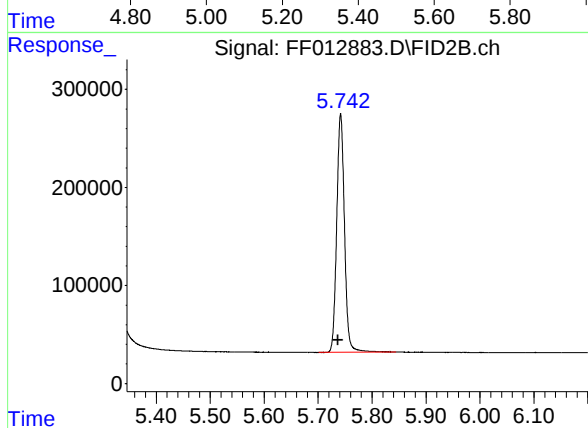
#2 n-Decane (C10)

R.T.: 3.757 min
Delta R.T.: 0.007 min
Response: 2414901
Conc: 18.08 ug/ml



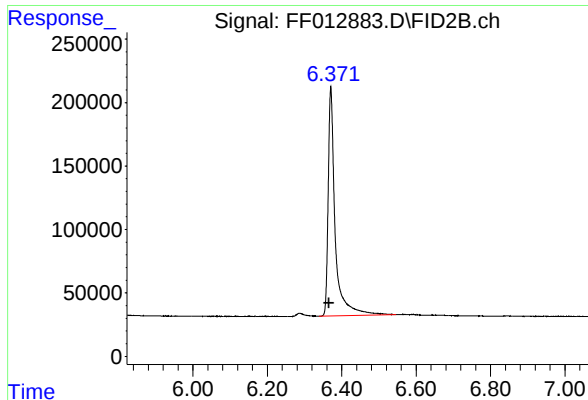
#3 A~Naphthalene (C11.7)

R.T.: 5.323 min
Delta R.T.: 0.006 min
Response: 2547593
Conc: 18.08 ug/ml



#4 n-Dodecane (C12)

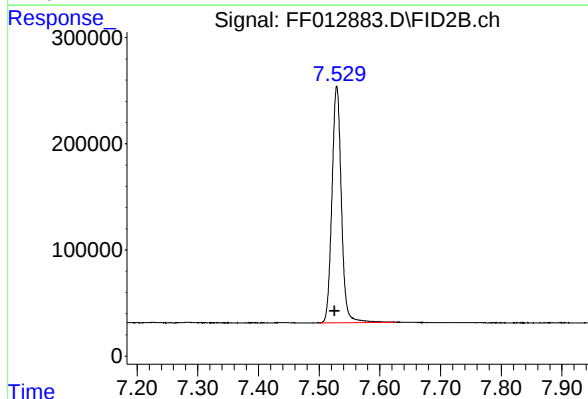
R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 2437892
Conc: 18.01 ug/ml



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

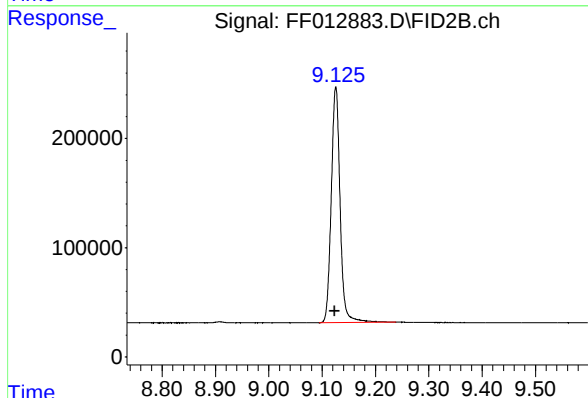
R.T.: 6.371 min
Delta R.T.: 0.005 min
Response: 2374490
Conc: 17.89 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



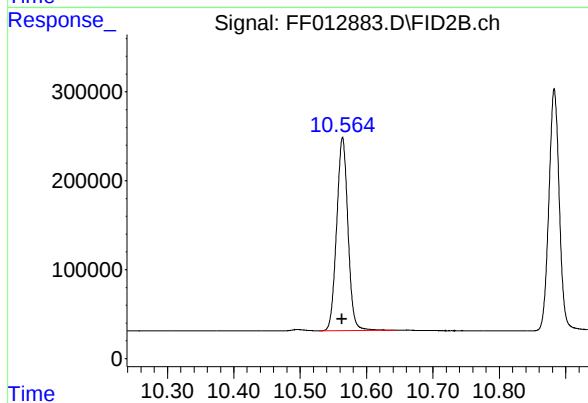
#6 n-Tetradecane (C14)

R.T.: 7.529 min
Delta R.T.: 0.003 min
Response: 2403202
Conc: 17.96 ug/ml



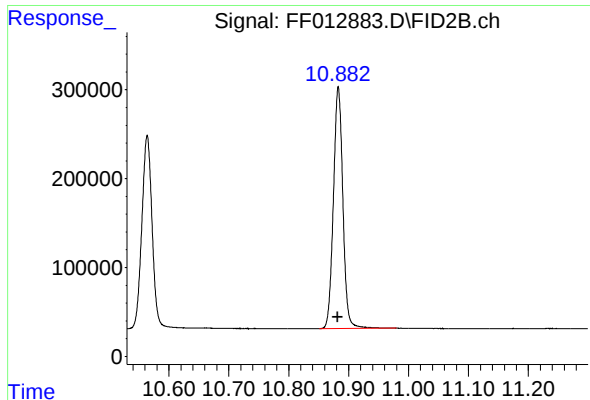
#7 n-Hexadecane (C16)

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 2488974
Conc: 17.98 ug/ml



#8 n-Octadecane (C18)

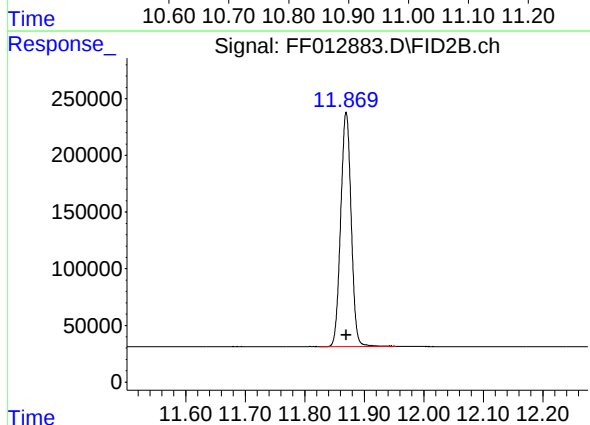
R.T.: 10.564 min
Delta R.T.: 0.000 min
Response: 2572936
Conc: 18.07 ug/ml



#9 ortho-Terphenyl (SURR)

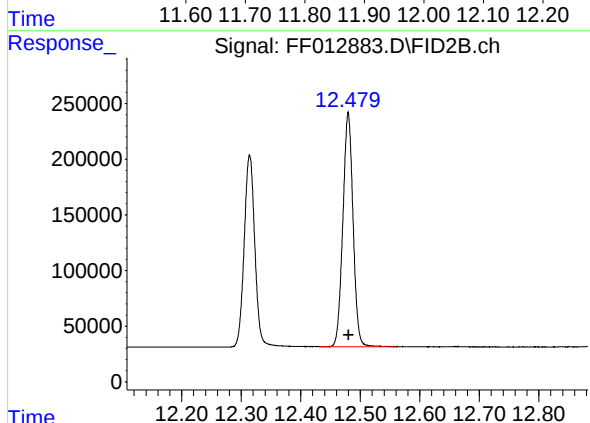
R.T.: 10.883 min
Delta R.T.: 0.001 min
Response: 2979840
Conc: 18.60 ug/ml

Instrument :
FID_F
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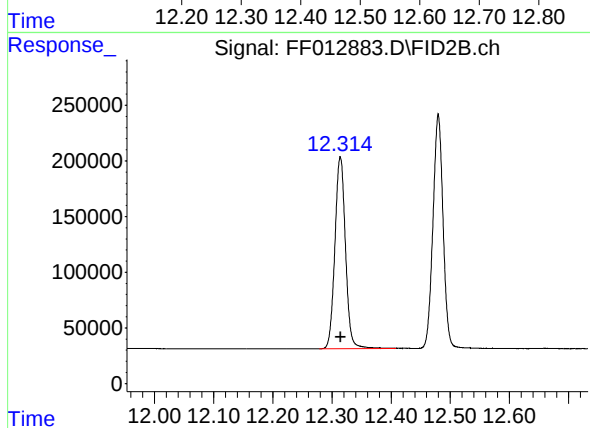
#10 n-Eicosane (C20)

R.T.: 11.870 min
Delta R.T.: 0.000 min
Response: 2523716
Conc: 18.35 ug/ml



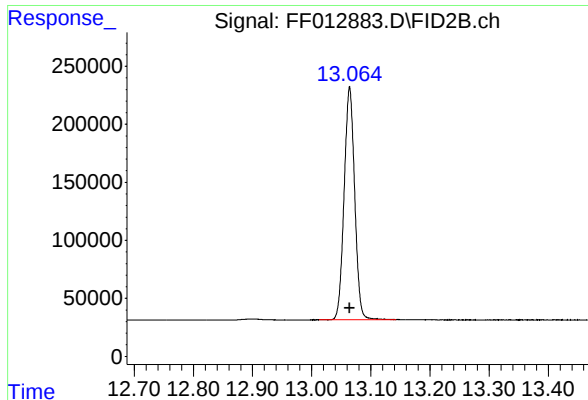
#11 n-Heneicosane (C21)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 2495720
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

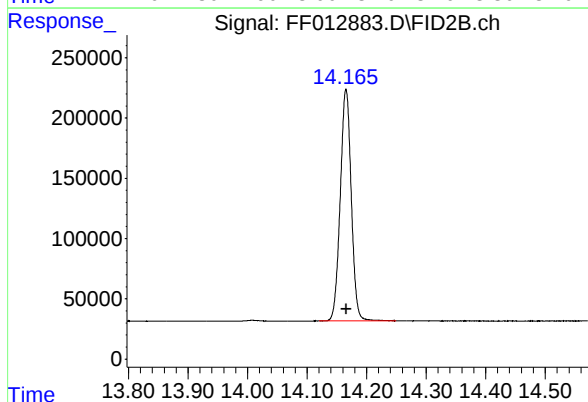
R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 2139805
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

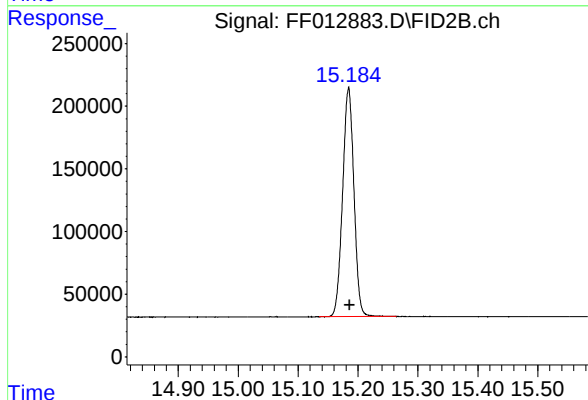
R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2478884
Conc: 18.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



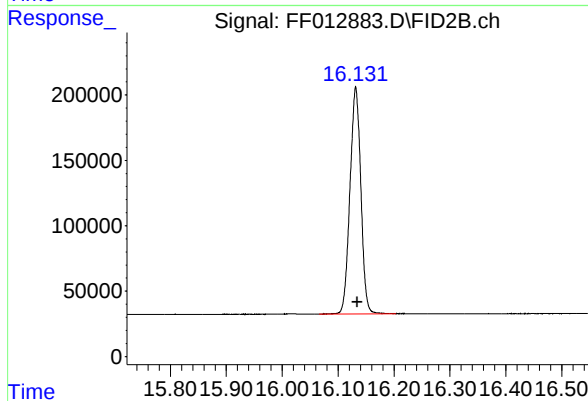
#14 n-Tetracosane (C24)

R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 2465125
Conc: 18.75 ug/ml



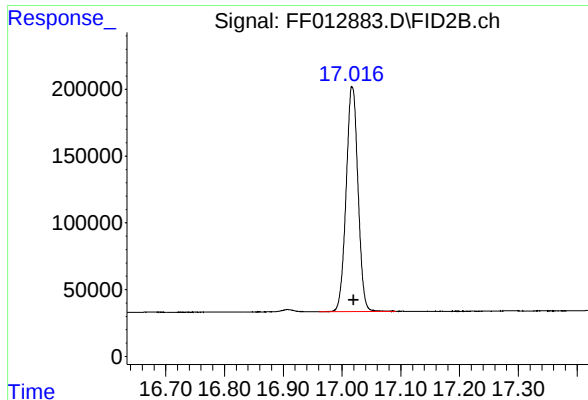
#15 n-Hexacosane (C26)

R.T.: 15.184 min
Delta R.T.: -0.002 min
Response: 2402587
Conc: 18.90 ug/ml



#16 n-Octacosane (C28)

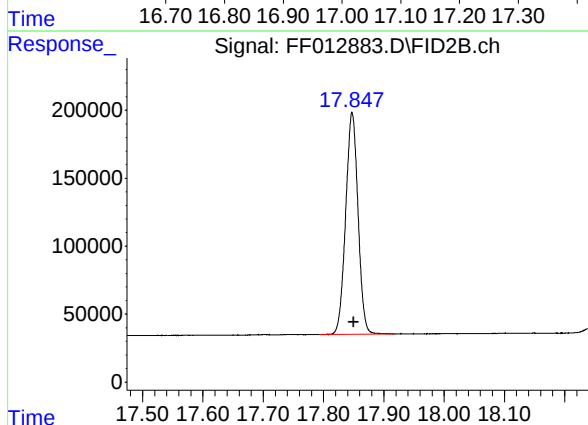
R.T.: 16.132 min
Delta R.T.: -0.003 min
Response: 2342942
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

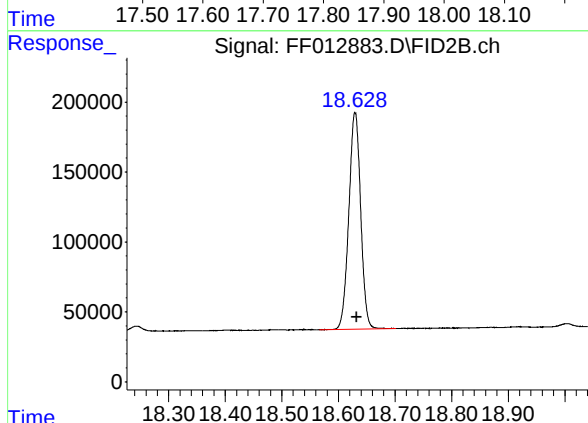
R.T.: 17.017 min
Delta R.T.: -0.002 min
Response: 2361874
Conc: 19.13 ug/ml

Instrument :
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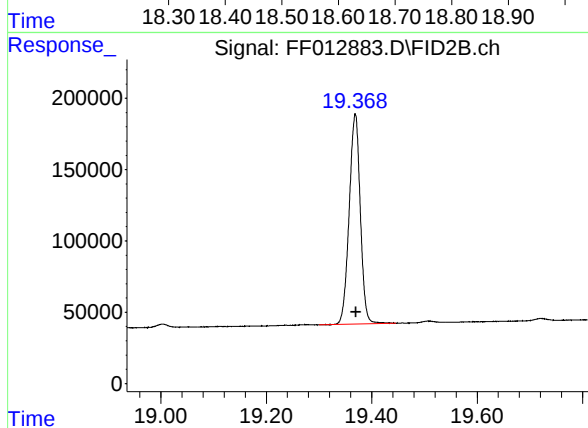
#18 n-Dotriacontane (C32)

R.T.: 17.847 min
Delta R.T.: -0.003 min
Response: 2320631
Conc: 19.18 ug/ml



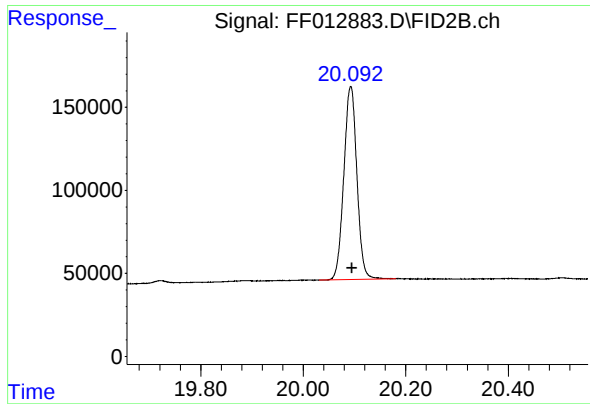
#19 n-Tetratriacontane (C34)

R.T.: 18.629 min
Delta R.T.: -0.002 min
Response: 2253899
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

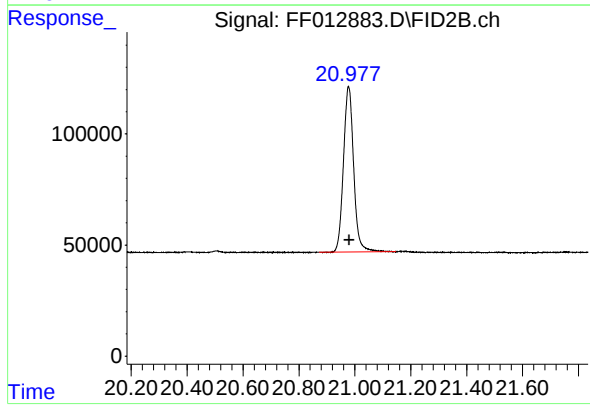
R.T.: 19.369 min
Delta R.T.: -0.001 min
Response: 2157643
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.093 min
Delta R.T.: -0.003 min
Response: 2057971
Conc: 18.48 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.977 min
Delta R.T.: -0.003 min
Response: 1889310
Conc: 17.12 ug/ml