

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
 Data File : FF013849.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2023 20:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 12 22:38:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:36:20 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)	11.869	2844351	19.302 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	13.308	2072923	19.471 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T n-Nonane (C9)	3.266	2288777	18.989 ug/ml
2) T n-Decane (C10)	4.516	2349108	19.301 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2506249	19.361 ug/ml
4) T n-Dodecane (C12)	6.680	2375227	19.367 ug/ml
5) T A~2-methylnaphthalene...	7.308	2454815	19.558 ug/ml
6) T n-Tetradecane (C14)	8.505	2329227	19.372 ug/ml
7) T n-Hexadecane (C16)	10.112	2356642	19.269 ug/ml
8) T n-Octadecane (C18)	11.554	2375930	19.307 ug/ml
10) T n-Eicosane (C20)	12.865	2316704	19.354 ug/ml
11) T n-Heneicosane (C21)	13.478	2278770	19.321 ug/ml
13) T n-Docosane (C22)	14.064	2256083	19.369 ug/ml
14) T n-Tetracosane (C24)	15.168	2254976	19.708 ug/ml
15) T n-Hexacosane (C26)	16.190	2200234	19.649 ug/ml
16) T n-Octacosane (C28)	17.140	2177011	19.835 ug/ml
17) T n-Tricontane (C30)	18.028	2221491	19.996 ug/ml
18) T n-Dotriacontane (C32)	18.861	2218483	19.951 ug/ml
19) T n-Tetratriacontane (C34)	19.645	2144501	19.912 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2134254	19.202 ug/ml
21) T n-Octatriacontane (C38)	21.112	2182492	19.961 ug/ml
22) T n-Tetracontane (C40)	22.005	2226132	19.658 ug/ml

(f)=RT Delta > 1/2 Window

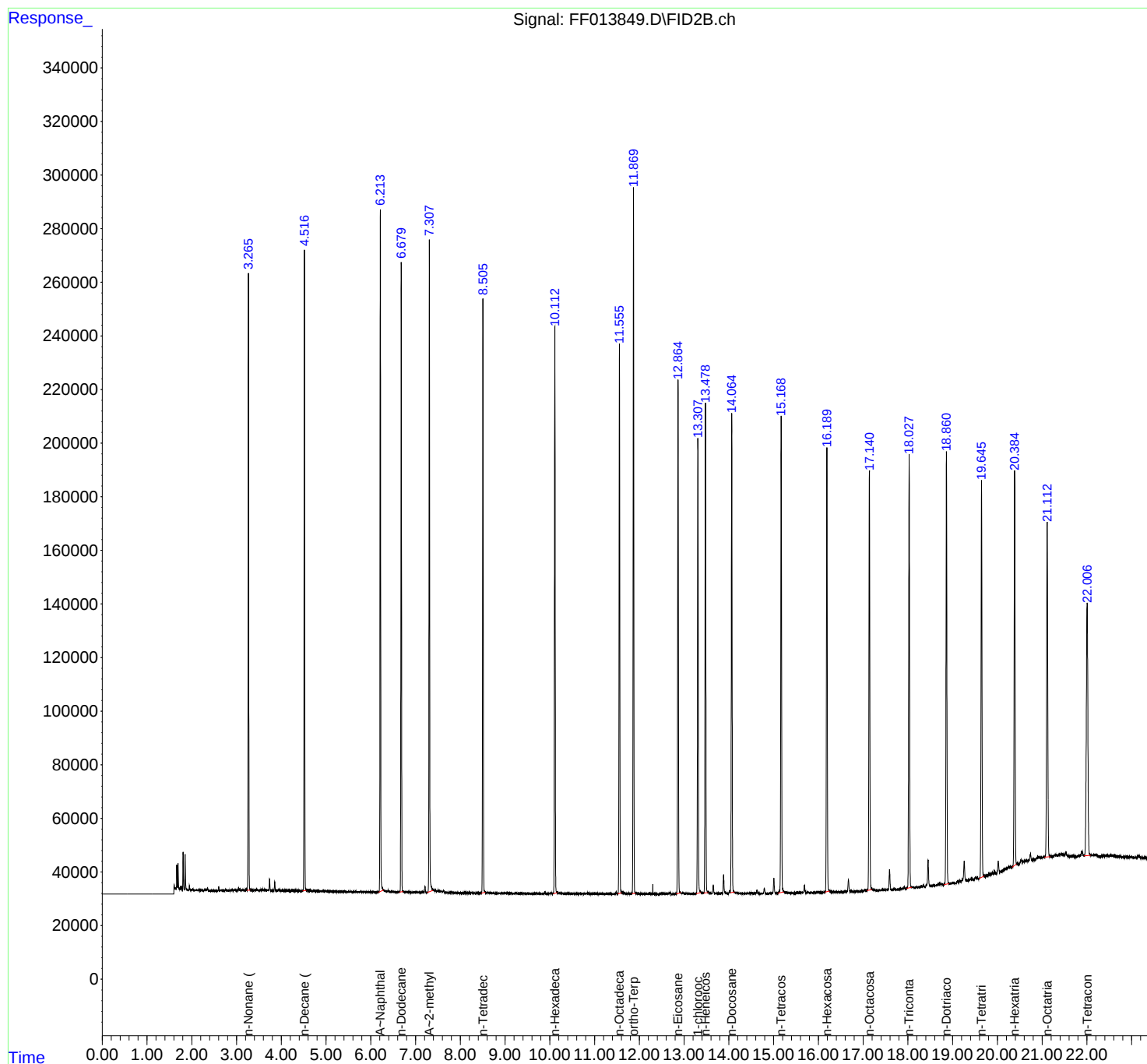
(m)=manual int.

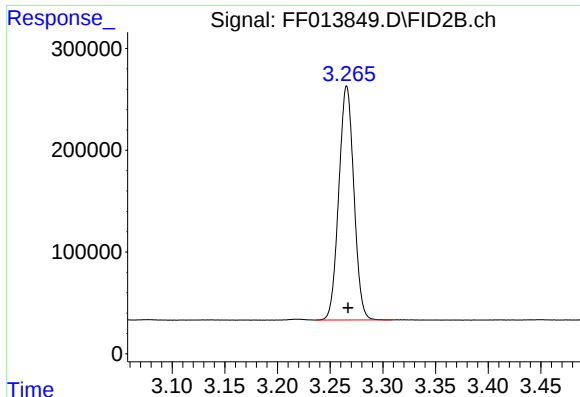
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
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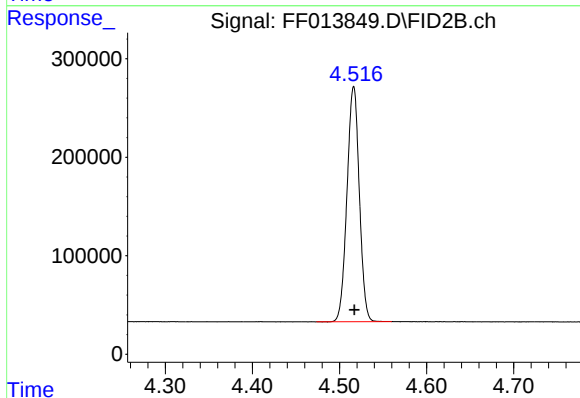




#1 n-Nonane (C9)

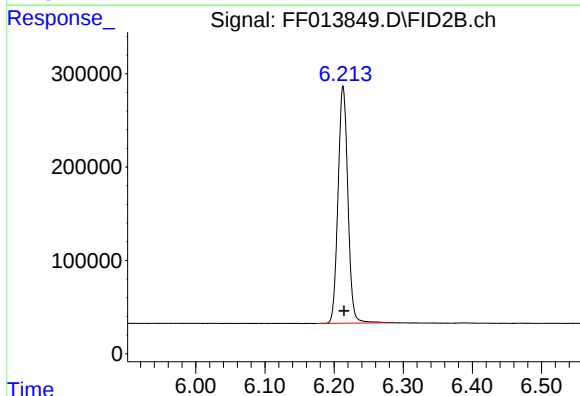
R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 2288777
Conc: 18.99 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



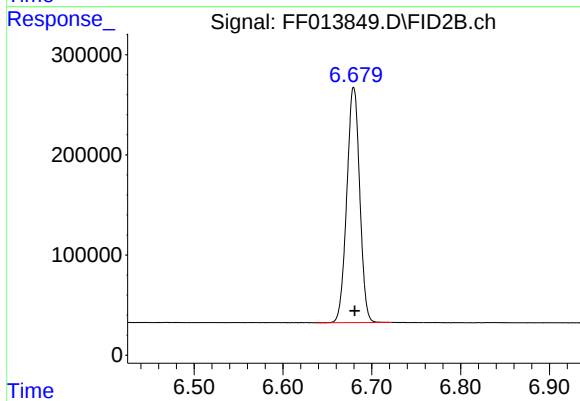
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2349108
Conc: 19.30 ug/ml



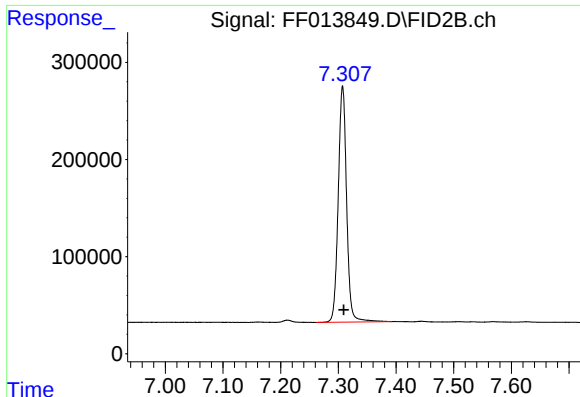
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 2506249
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

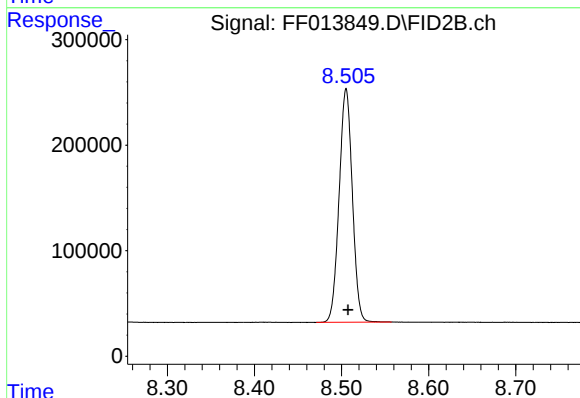
R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 2375227
Conc: 19.37 ug/ml



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

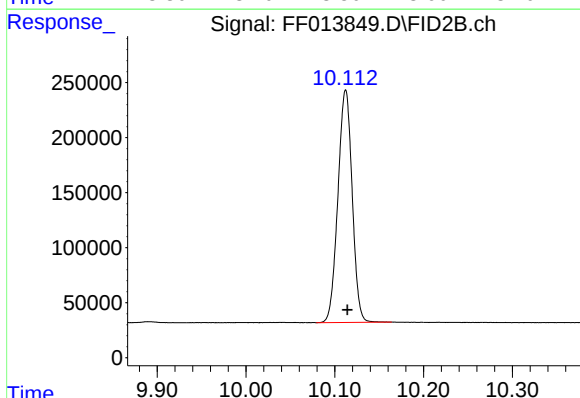
R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 2454815
Conc: 19.56 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



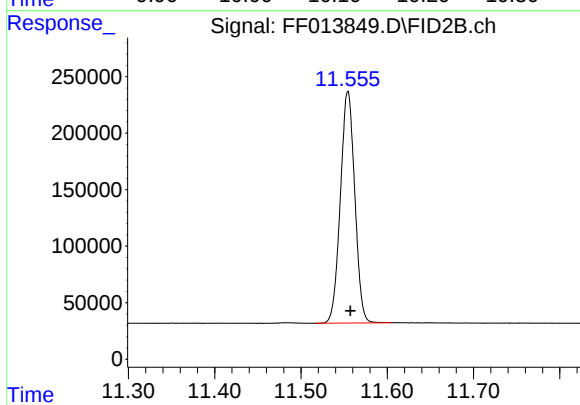
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 2329227
Conc: 19.37 ug/ml



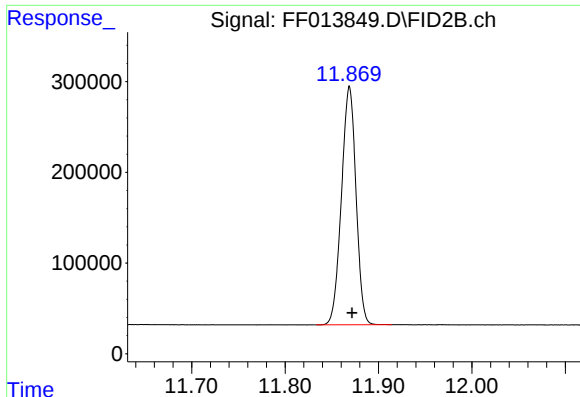
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: -0.002 min
Response: 2356642
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

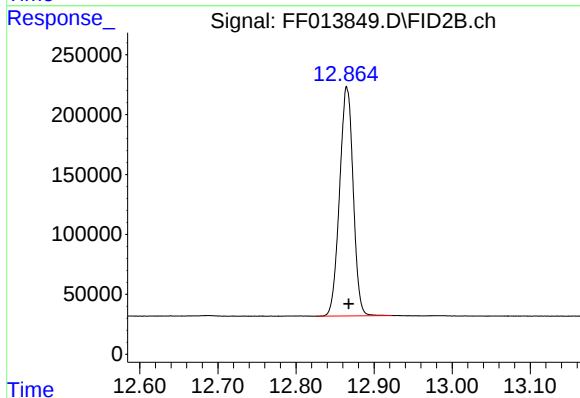
R.T.: 11.554 min
Delta R.T.: -0.003 min
Response: 2375930
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

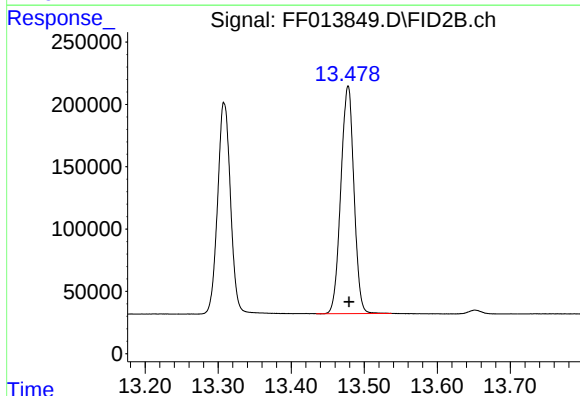
R.T.: 11.869 min
Delta R.T.: -0.003 min
Response: 2844351
Conc: 19.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



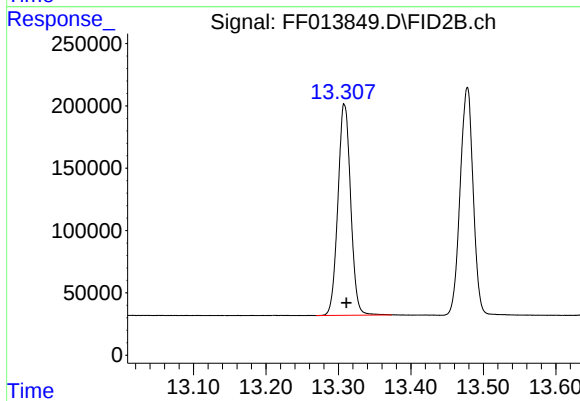
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 2316704
Conc: 19.35 ug/ml



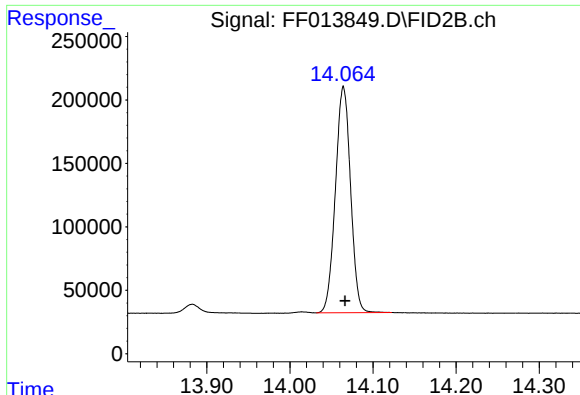
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.002 min
Response: 2278770
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

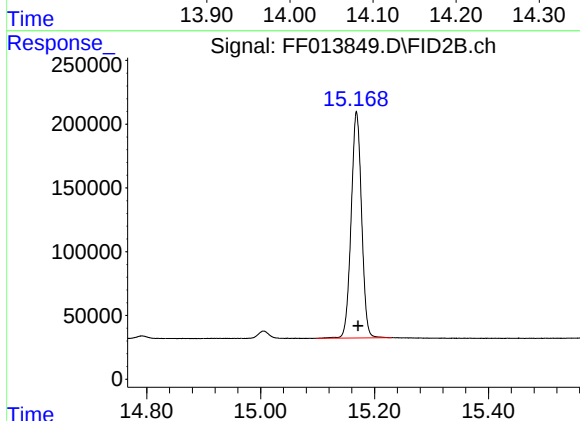
R.T.: 13.308 min
Delta R.T.: -0.003 min
Response: 2072923
Conc: 19.47 ug/ml



#13 n-Docosane (C22)

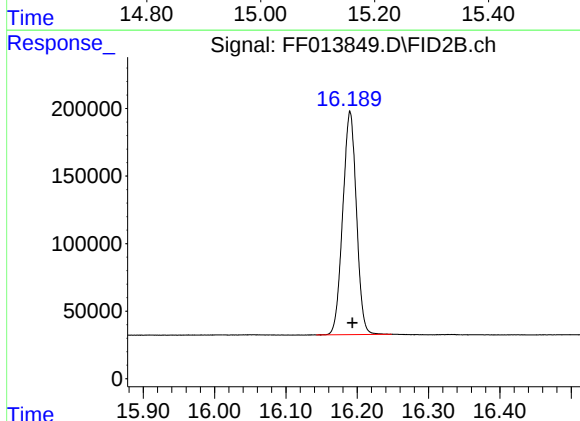
R.T.: 14.064 min
Delta R.T.: -0.002 min
Response: 2256083
Conc: 19.37 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



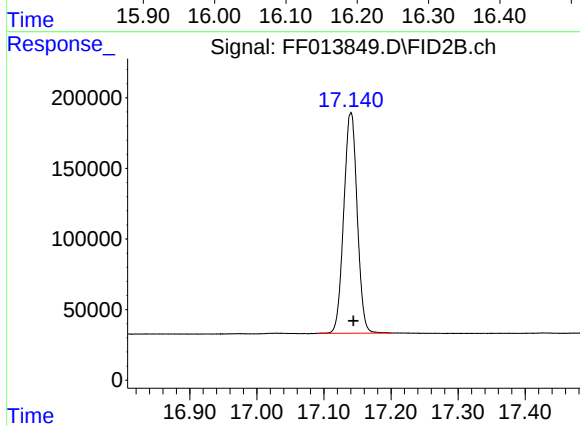
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.003 min
Response: 2254976
Conc: 19.71 ug/ml



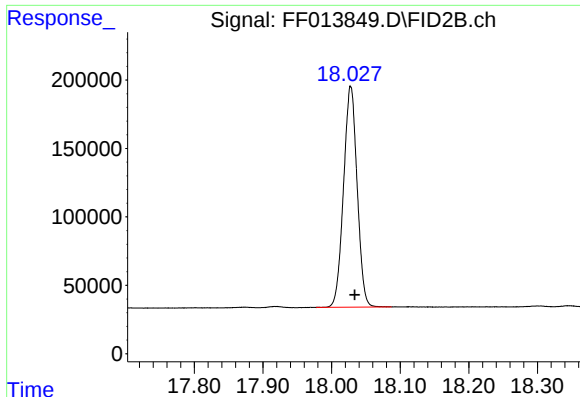
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: -0.003 min
Response: 2200234
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

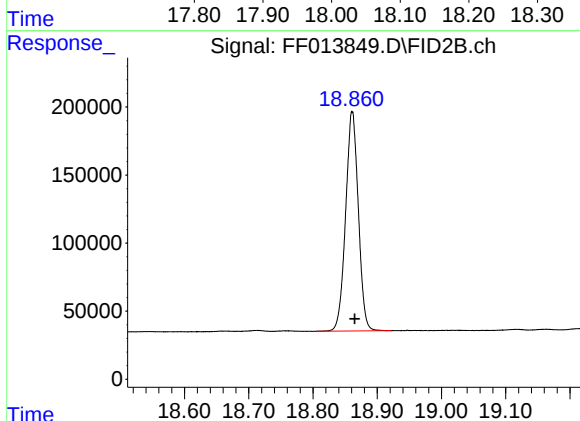
R.T.: 17.140 min
Delta R.T.: -0.004 min
Response: 2177011
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

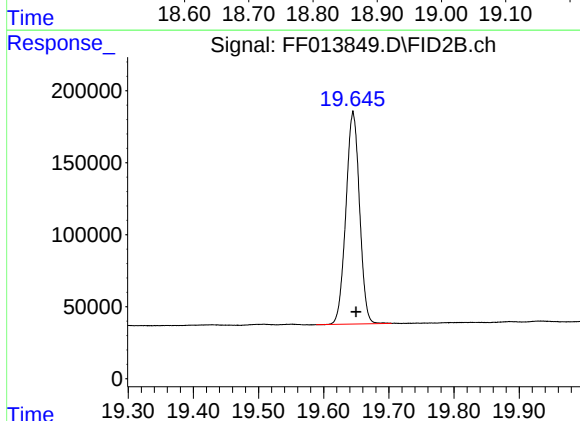
R.T.: 18.028 min
Delta R.T.: -0.006 min
Response: 2221491
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



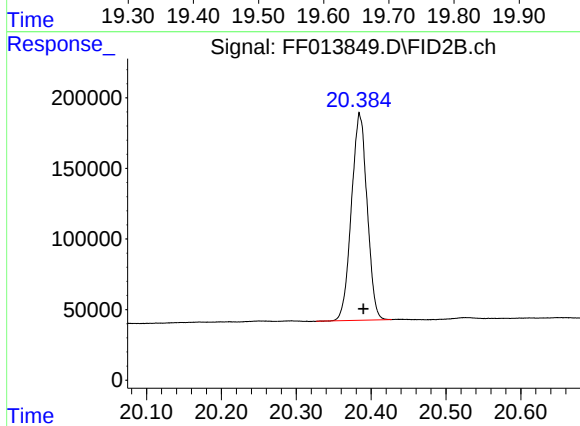
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.004 min
Response: 2218483
Conc: 19.95 ug/ml



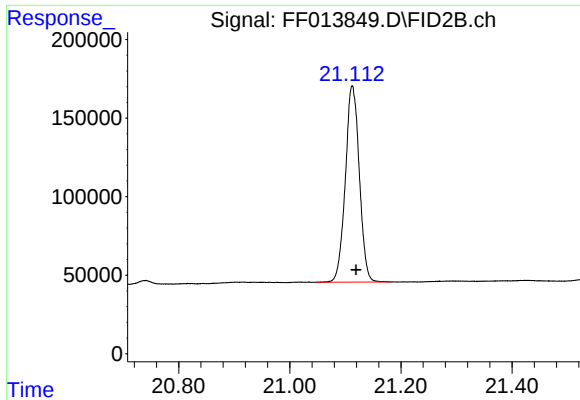
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: -0.004 min
Response: 2144501
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

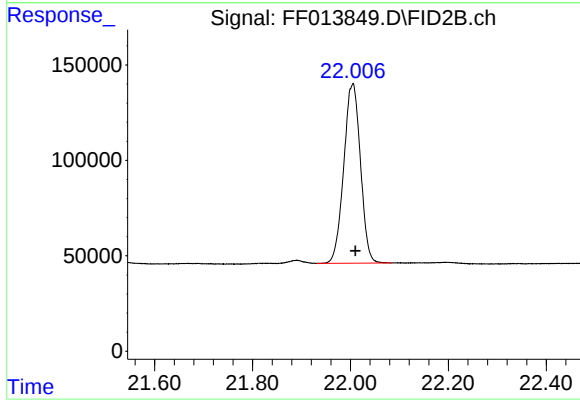
R.T.: 20.385 min
Delta R.T.: -0.005 min
Response: 2134254
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: -0.007 min
Response: 2182492
Conc: 19.96 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.005 min
Response: 2226132
Conc: 19.66 ug/ml