

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082323AL\
 Data File : FF013328.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2023 01:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 24 09:52:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.892	2625747	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
12) S 1-chlorooctadecane (S...	13.329	2018477	19.261 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.282	2019803	18.903 ug/ml
2) T n-Decane (C10)	4.535	2027547	18.920 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2254234	19.041 ug/ml
4) T n-Dodecane (C12)	6.700	2064543	19.080 ug/ml
5) T A~2-methylnaphthalene...	7.329	2261531	19.079 ug/ml
6) T n-Tetradecane (C14)	8.525	2069163	19.169 ug/ml
7) T n-Hexadecane (C16)	10.133	2092785	19.306 ug/ml
8) T n-Octadecane (C18)	11.576	2116689	19.331 ug/ml
10) T n-Eicosane (C20)	12.886	2125737	19.372 ug/ml
11) T n-Heneicosane (C21)	13.497	2116810	19.267 ug/ml
13) T n-Docosane (C22)	14.084	2133445	19.432 ug/ml
14) T n-Tetracosane (C24)	15.187	2169940	19.751 ug/ml
15) T n-Hexacosane (C26)	16.207	2141224	19.592 ug/ml
16) T n-Octacosane (C28)	17.156	2126871	19.698 ug/ml
17) T n-Tricontane (C30)	18.044	2159024	19.743 ug/ml
18) T n-Dotriacontane (C32)	18.875	2136120	18.911 ug/ml
19) T n-Tetratriacontane (C34)	19.659	1955162	18.406 ug/ml
20) T n-Hexatriacontane (C36)	20.398	1931415	18.324 ug/ml
21) T n-Octatriacontane (C38)	21.127	1880716	18.621 ug/mlm
22) T n-Tetracontane (C40)	22.027	2167868	21.812 ug/ml

(f)=RT Delta > 1/2 Window

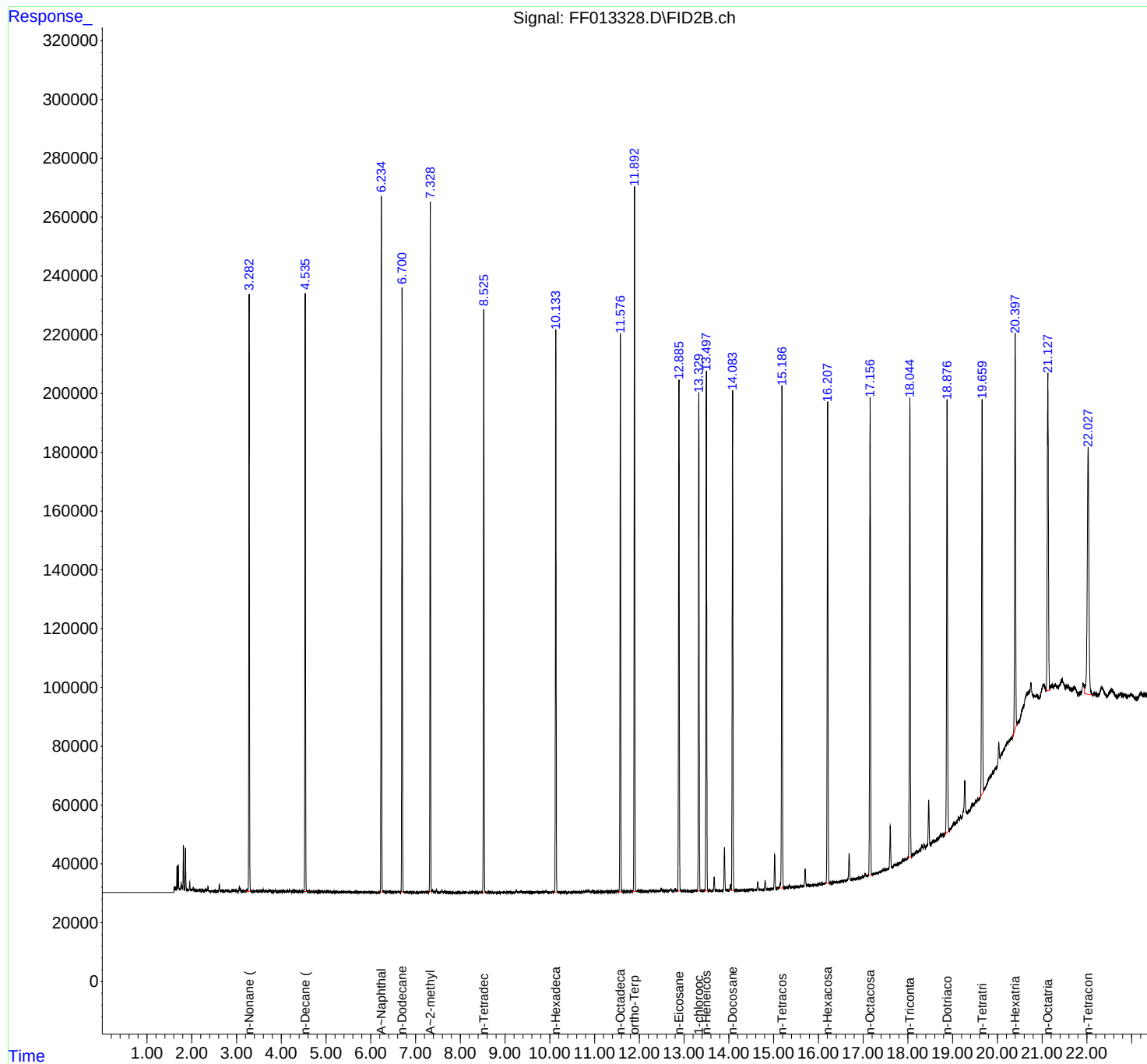
(m)=manual int.

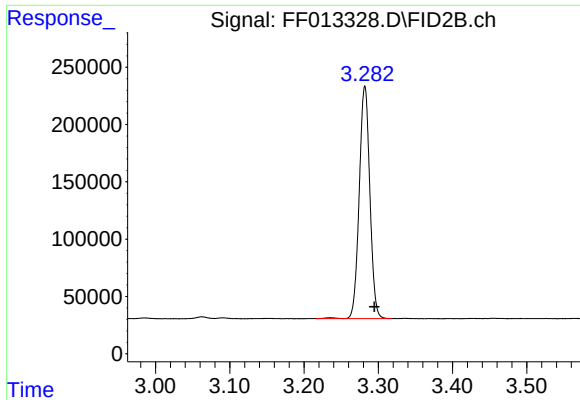
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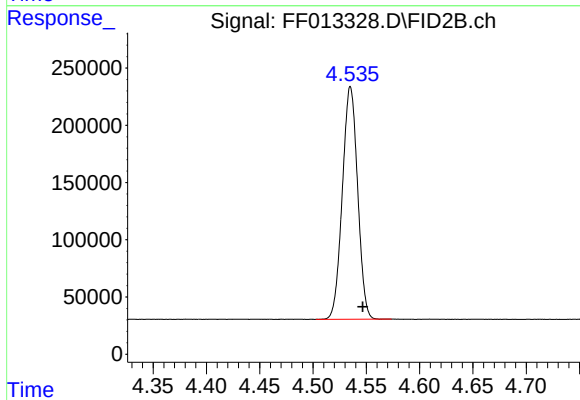




#1 n-Nonane (C9)

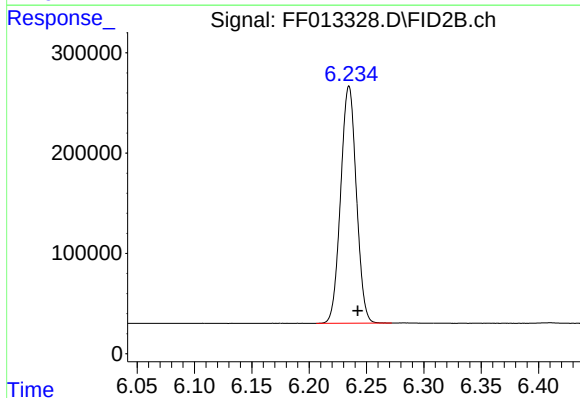
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2019803
Conc: 18.90 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



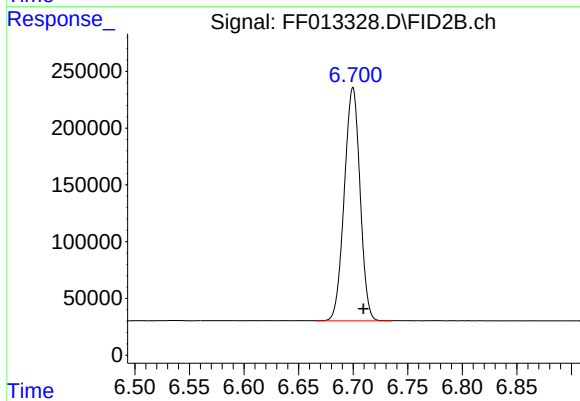
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2027547
Conc: 18.92 ug/ml



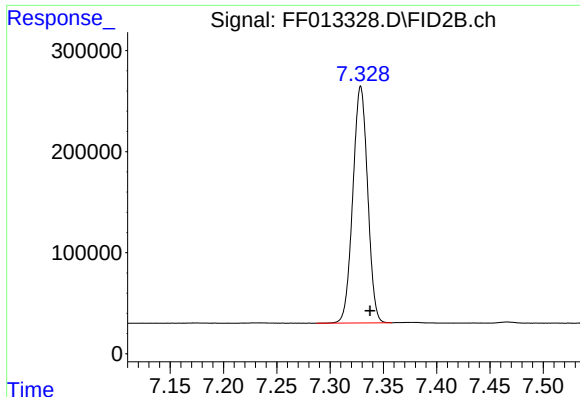
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.008 min
Response: 2254234
Conc: 19.04 ug/ml



#4 n-Dodecane (C12)

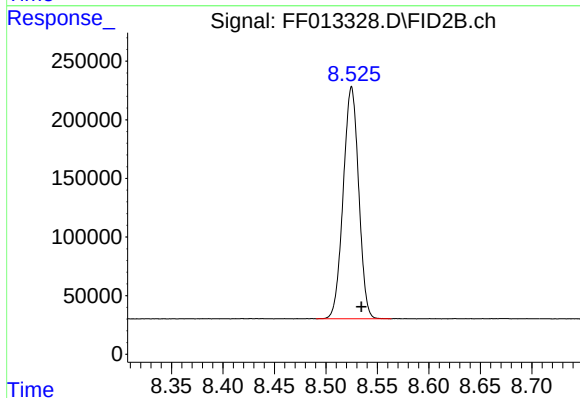
R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 2064543
Conc: 19.08 ug/ml



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

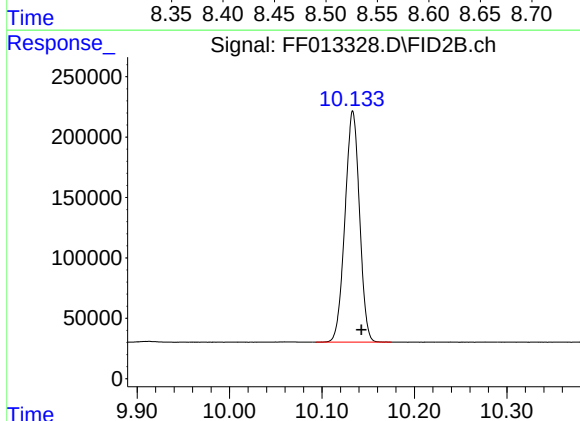
R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2261531
Conc: 19.08 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



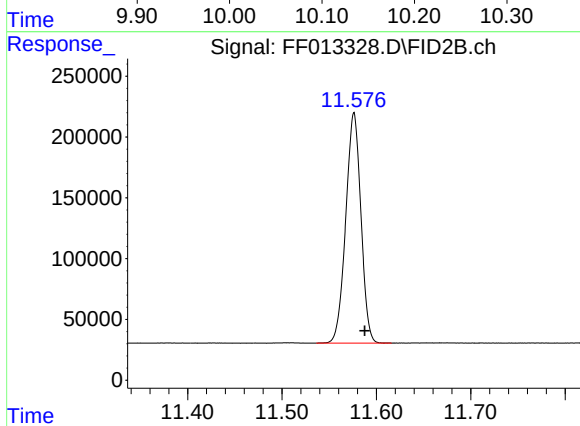
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.009 min
Response: 2069163
Conc: 19.17 ug/ml



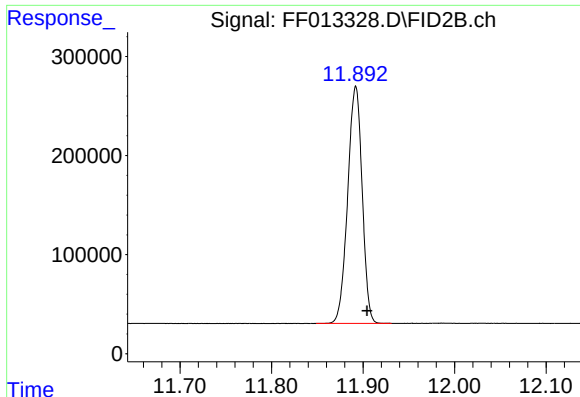
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.009 min
Response: 2092785
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

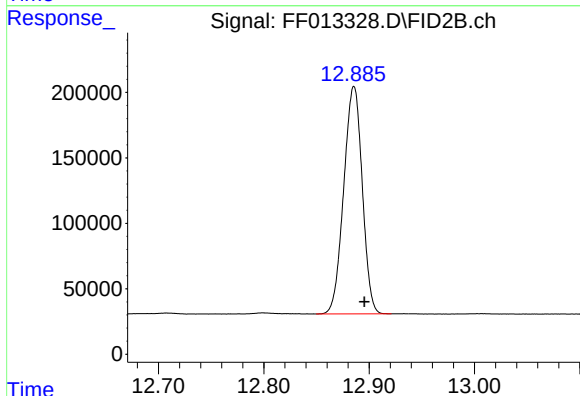
R.T.: 11.576 min
Delta R.T.: -0.011 min
Response: 2116689
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

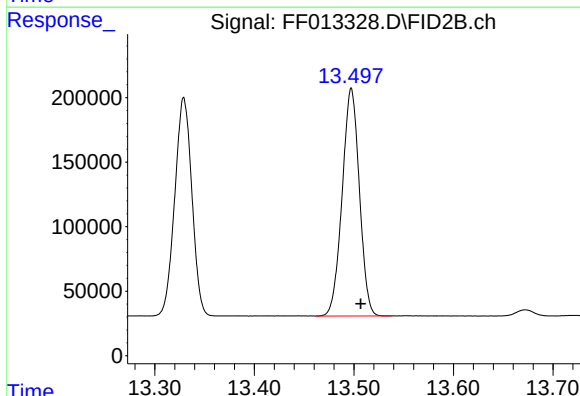
R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 2625747
Conc: 19.11 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



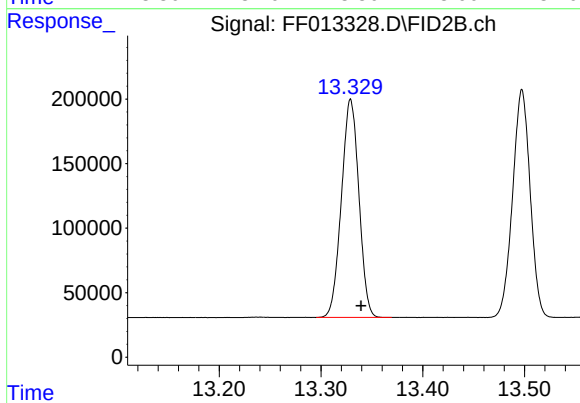
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.010 min
Response: 2125737
Conc: 19.37 ug/ml



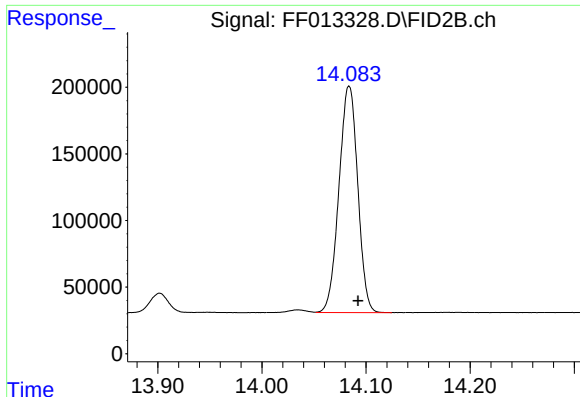
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.009 min
Response: 2116810
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

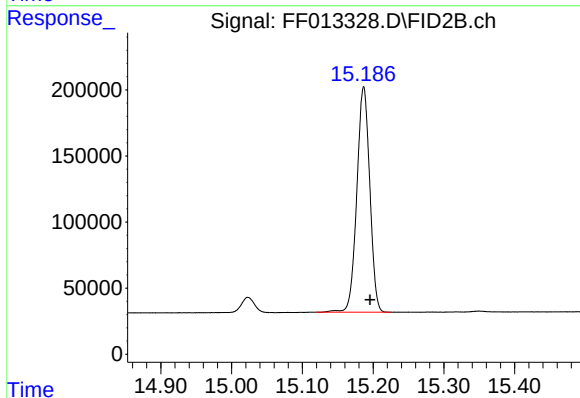
R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 2018477
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

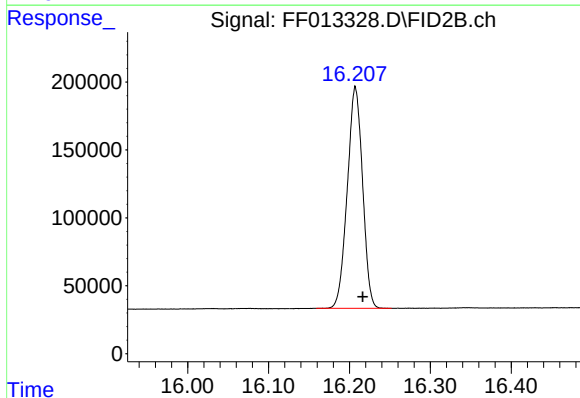
R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 2133445
Conc: 19.43 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



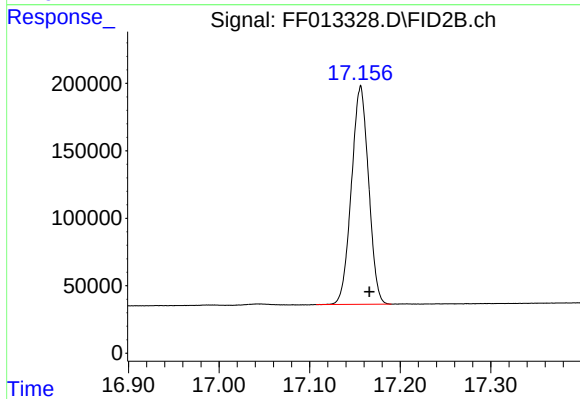
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.009 min
Response: 2169940
Conc: 19.75 ug/ml



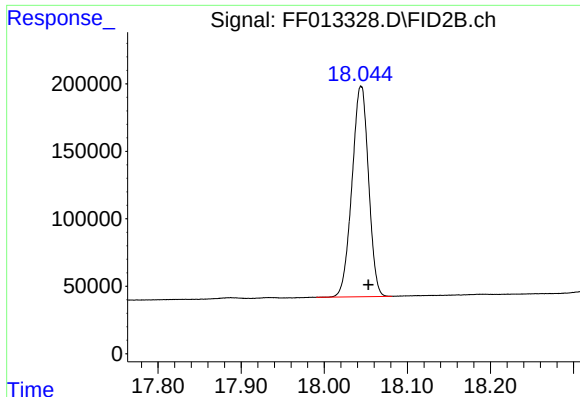
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2141224
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

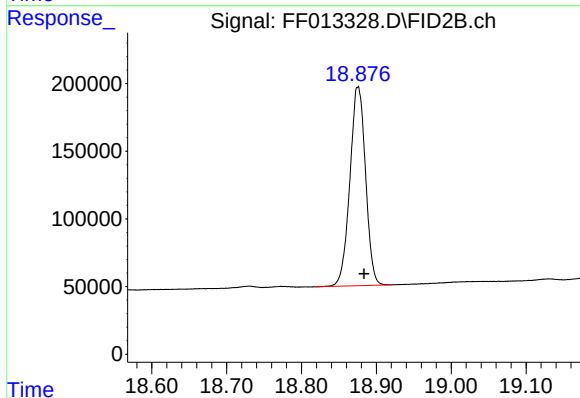
R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 2126871
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

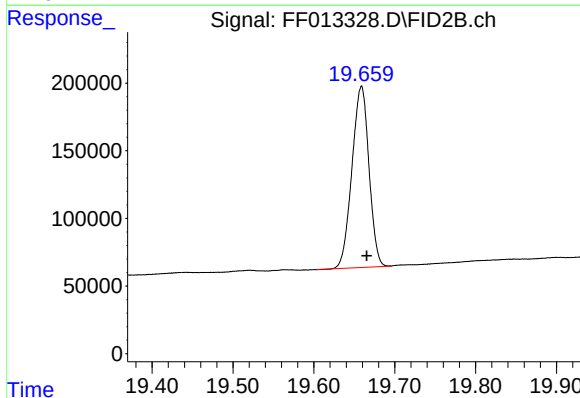
R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 2159024
Conc: 19.74 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



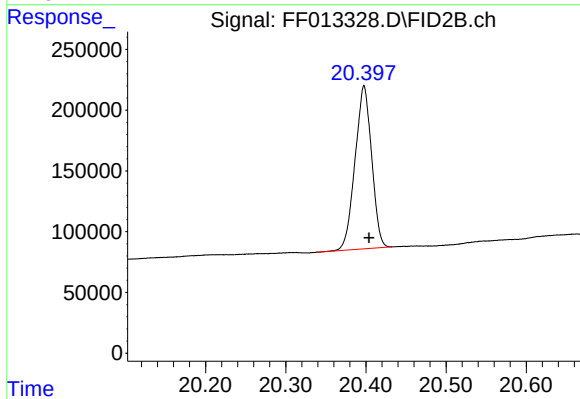
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.008 min
Response: 2136120
Conc: 18.91 ug/ml



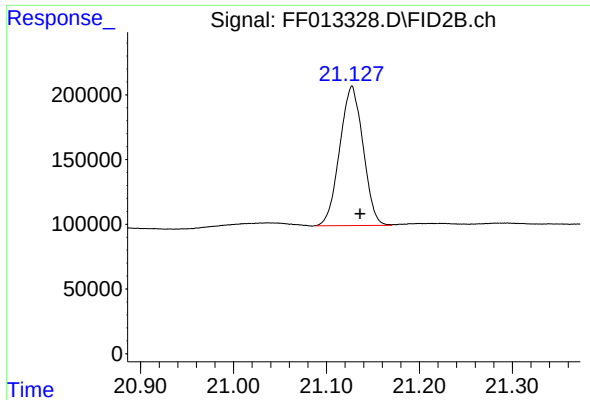
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.007 min
Response: 1955162
Conc: 18.41 ug/ml



#20 n-Hexatriacontane (C36)

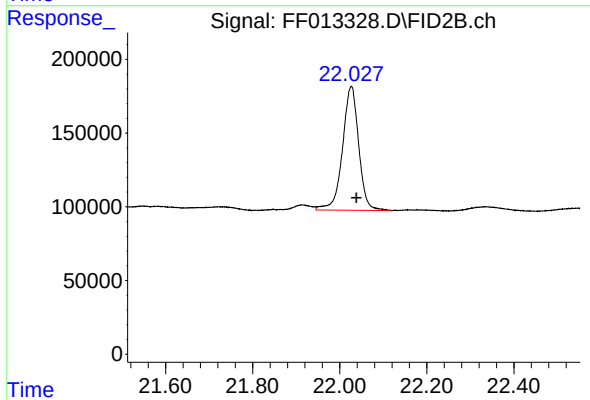
R.T.: 20.398 min
Delta R.T.: -0.006 min
Response: 1931415
Conc: 18.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.009 min
Response: 1880716
Conc: 18.62 ug/ml

Instrument :
FID_F
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#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: -0.011 min
Response: 2167868
Conc: 21.81 ug/ml