

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013275.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 08:59
 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 22 13:20:23 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)	11.889	2604565	18.957 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.327	1987330	18.964 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.282	2024978	18.951 ug/ml
2) T n-Decane (C10)	4.535	2037113	19.009 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2259031	19.082 ug/ml
4) T n-Dodecane (C12)	6.699	2061792	19.054 ug/ml
5) T A~2-methylnaphthalene...	7.326	2260591	19.071 ug/ml
6) T n-Tetradecane (C14)	8.524	2057665	19.062 ug/ml
7) T n-Hexadecane (C16)	10.131	2069201	19.089 ug/ml
8) T n-Octadecane (C18)	11.573	2086145	19.052 ug/ml
10) T n-Eicosane (C20)	12.883	2081652	18.970 ug/ml
11) T n-Heneicosane (C21)	13.494	2076983	18.905 ug/ml
13) T n-Docosane (C22)	14.080	2075992	18.909 ug/ml
14) T n-Tetracosane (C24)	15.184	2083567	18.964 ug/ml
15) T n-Hexacosane (C26)	16.204	2049562	18.753 ug/ml
16) T n-Octacosane (C28)	17.153	2014040	18.653 ug/ml
17) T n-Tricontane (C30)	18.040	2017096	18.445 ug/ml
18) T n-Dotriacontane (C32)	18.872	2008811	17.784 ug/ml
19) T n-Tetratriacontane (C34)	19.654	1891991	17.812 ug/ml
20) T n-Hexatriacontane (C36)	20.392	1871590	17.757 ug/ml
21) T n-Octatriacontane (C38)	21.122	1850195	18.319 ug/ml
22) T n-Tetracontane (C40)	22.018	1923260	19.350 ug/ml

(f)=RT Delta > 1/2 Window

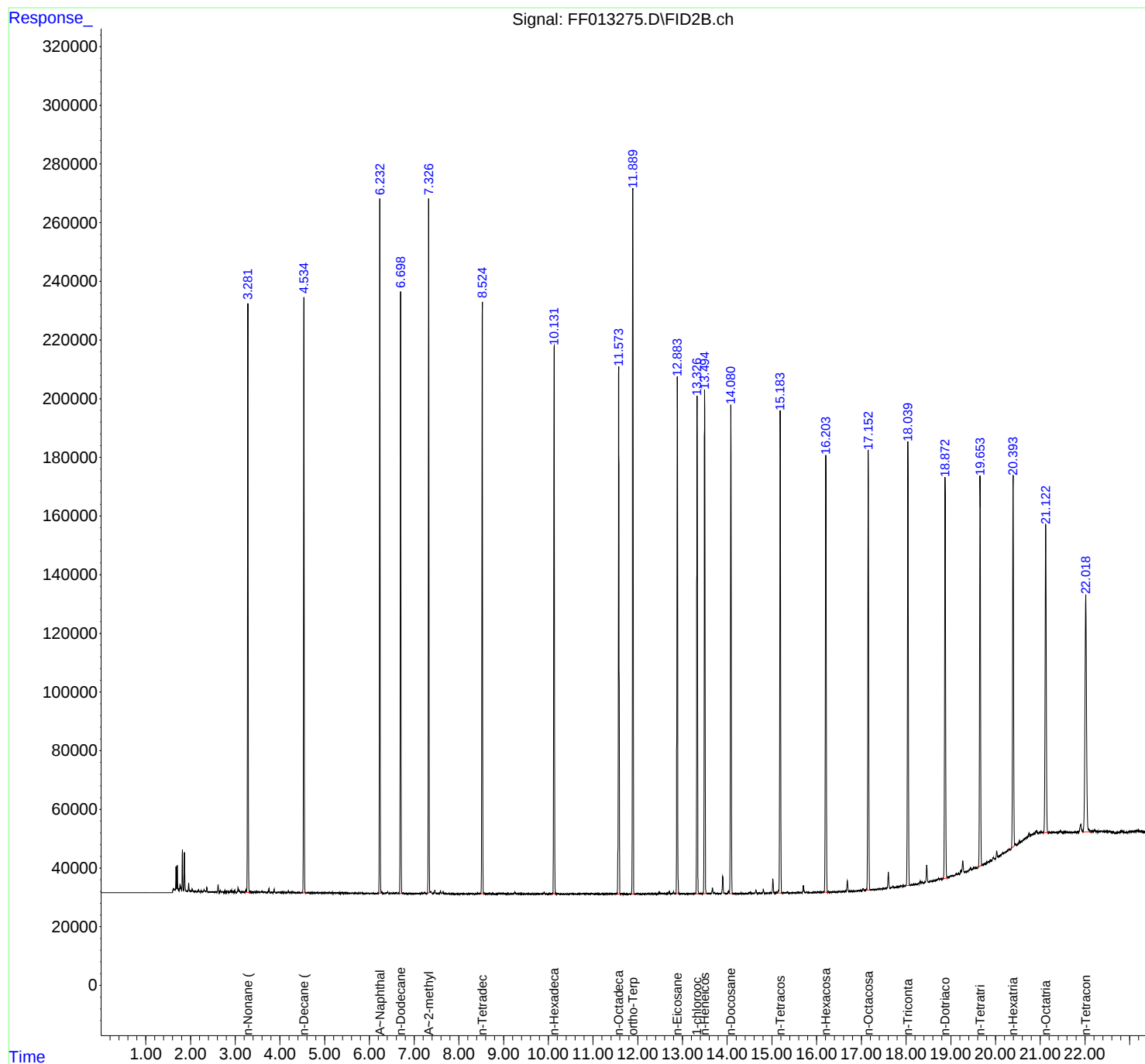
(m)=manual int.

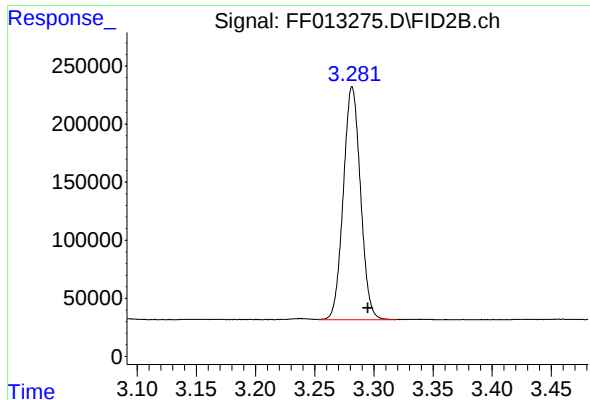
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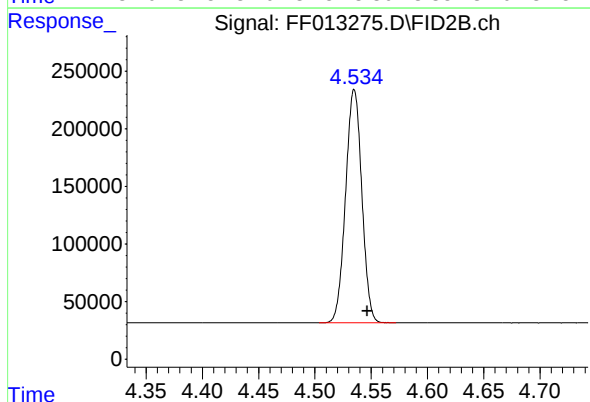




#1 n-Nonane (C9)

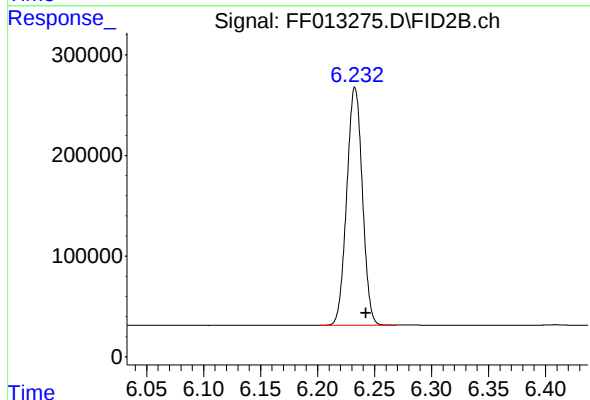
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2024978
Conc: 18.95 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



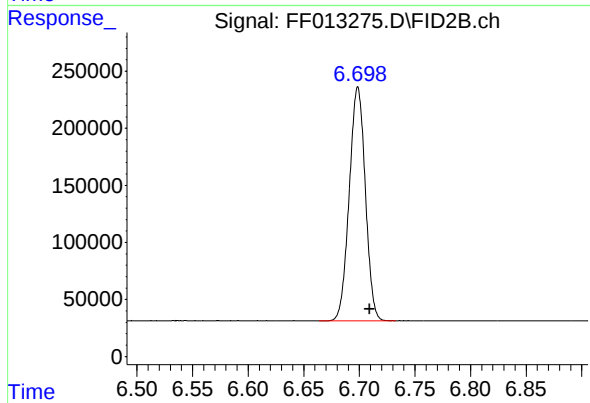
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2037113
Conc: 19.01 ug/ml



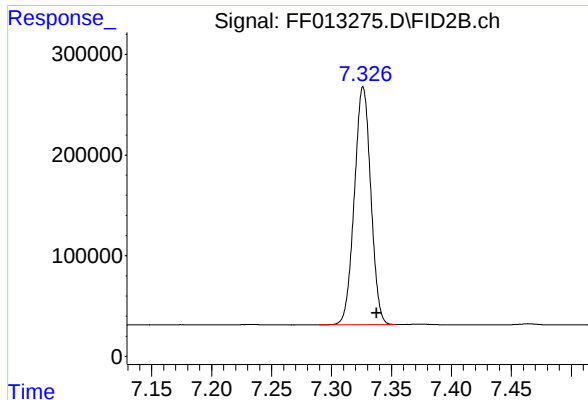
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.010 min
Response: 2259031
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

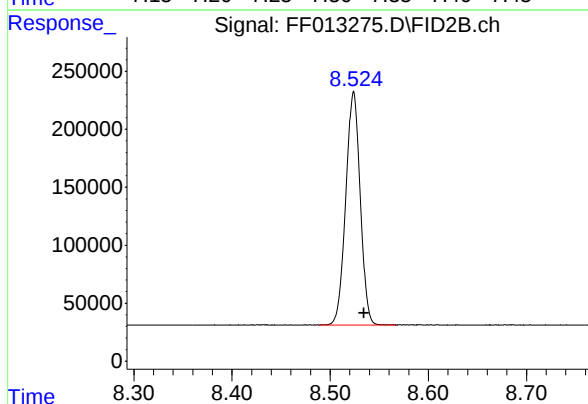
R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2061792
Conc: 19.05 ug/ml



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

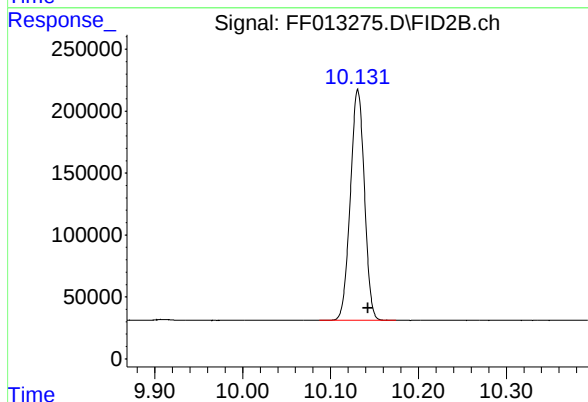
R.T.: 7.326 min
Delta R.T.: -0.011 min
Response: 2260591
Conc: 19.07 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



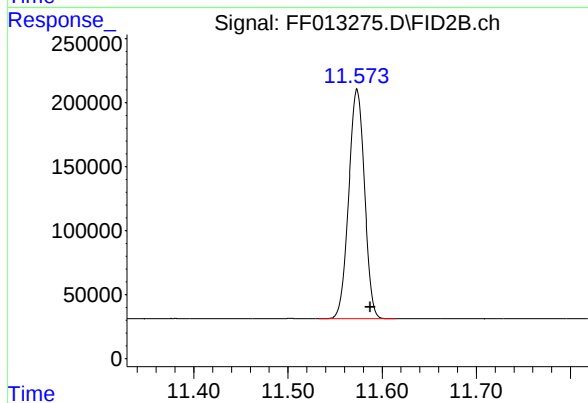
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.010 min
Response: 2057665
Conc: 19.06 ug/ml



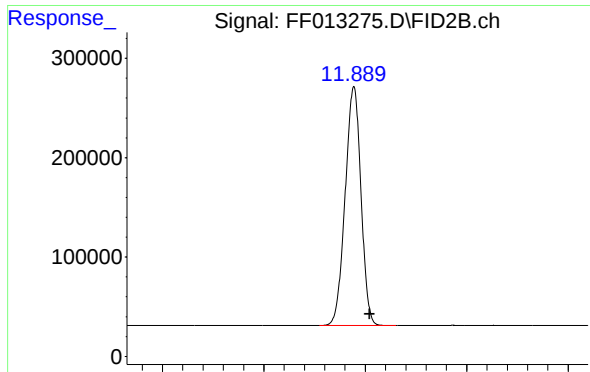
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.012 min
Response: 2069201
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

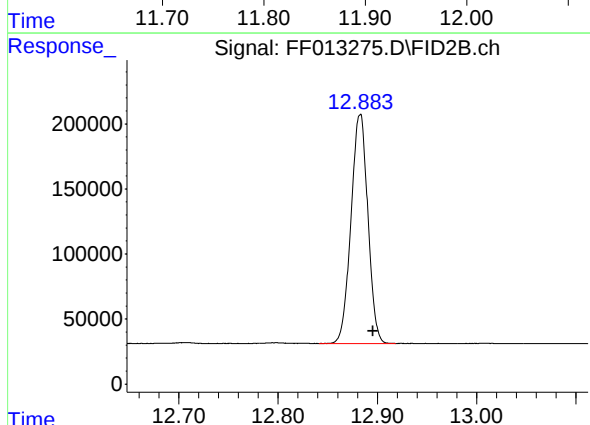
R.T.: 11.573 min
Delta R.T.: -0.014 min
Response: 2086145
Conc: 19.05 ug/ml



#9 ortho-Terphenyl (SURR)

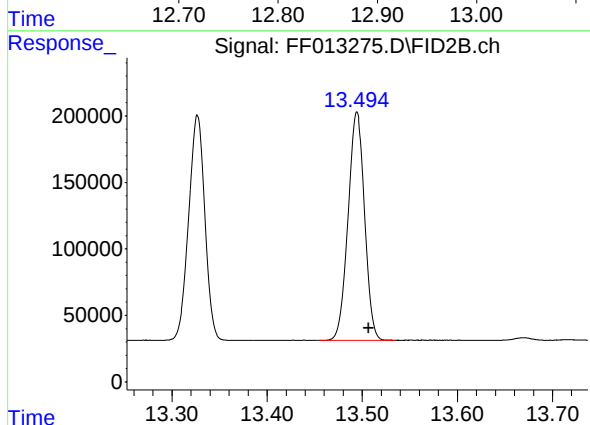
R.T.: 11.889 min
Delta R.T.: -0.015 min
Response: 2604565
Conc: 18.96 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



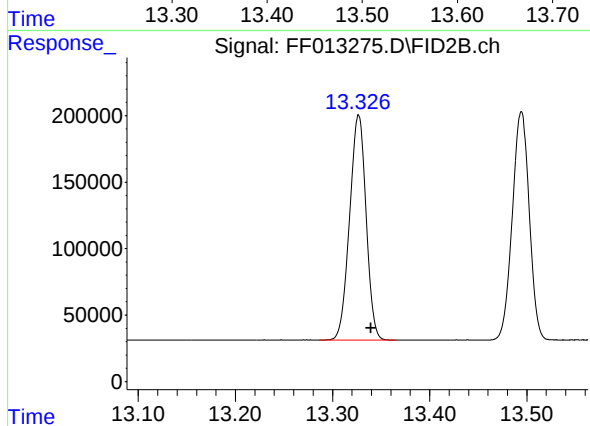
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.013 min
Response: 2081652
Conc: 18.97 ug/ml



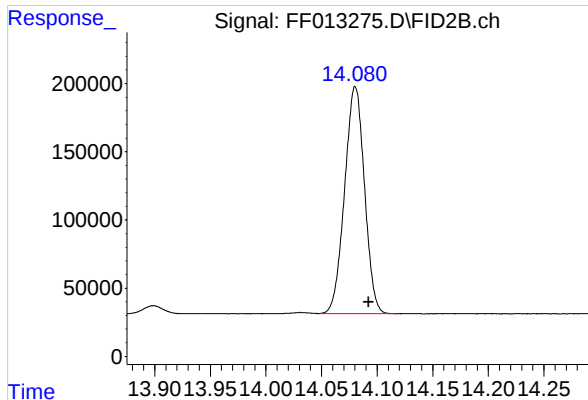
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.012 min
Response: 2076983
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

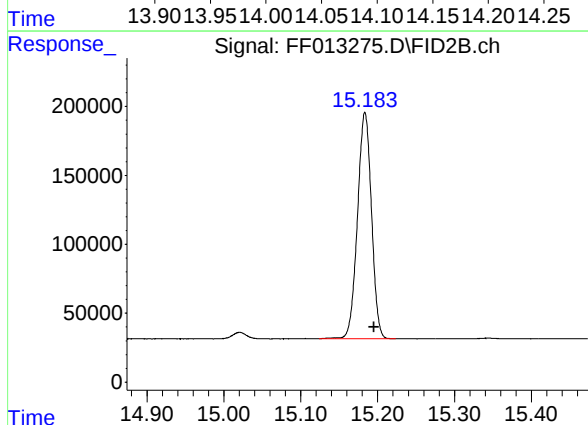
R.T.: 13.327 min
Delta R.T.: -0.012 min
Response: 1987330
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

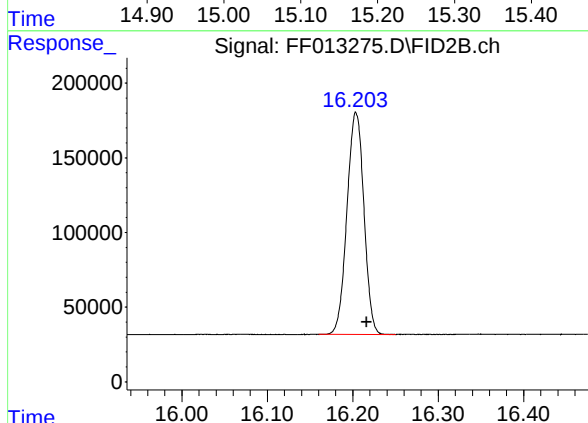
R.T.: 14.080 min
Delta R.T.: -0.012 min
Response: 2075992
Conc: 18.91 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



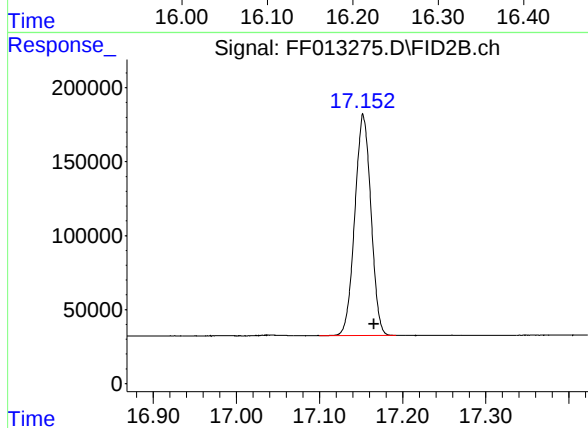
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.012 min
Response: 2083567
Conc: 18.96 ug/ml



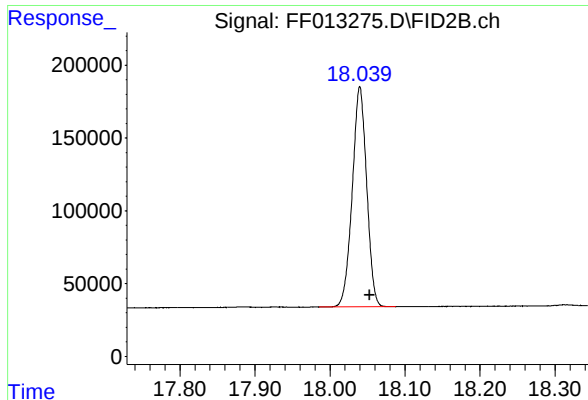
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.013 min
Response: 2049562
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

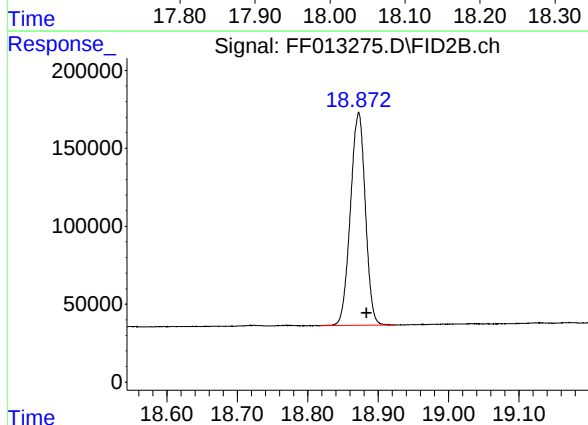
R.T.: 17.153 min
Delta R.T.: -0.013 min
Response: 2014040
Conc: 18.65 ug/ml



#17 n-Tricontane (C30)

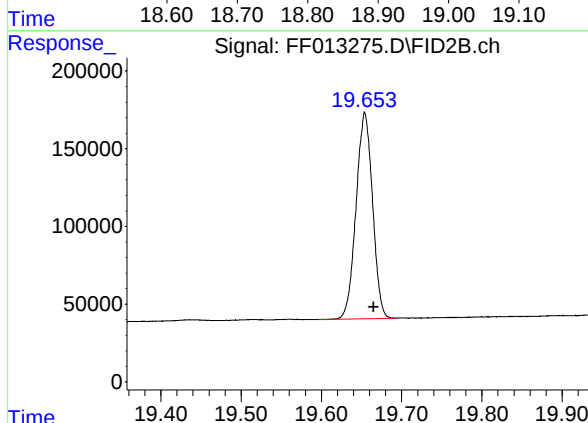
R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 2017096
Conc: 18.44 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



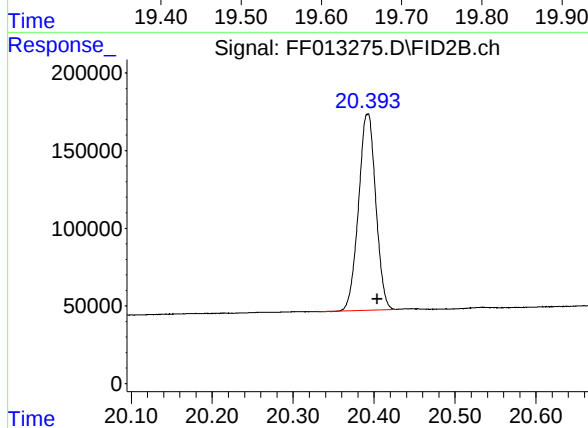
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.011 min
Response: 2008811
Conc: 17.78 ug/ml



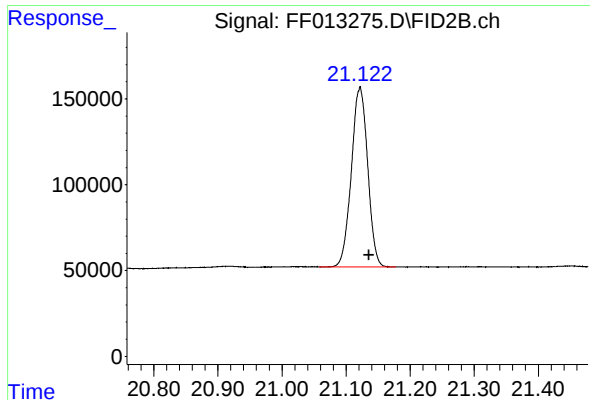
#19 n-Tetatriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.011 min
Response: 1891991
Conc: 17.81 ug/ml



#20 n-Hexatriacontane (C36)

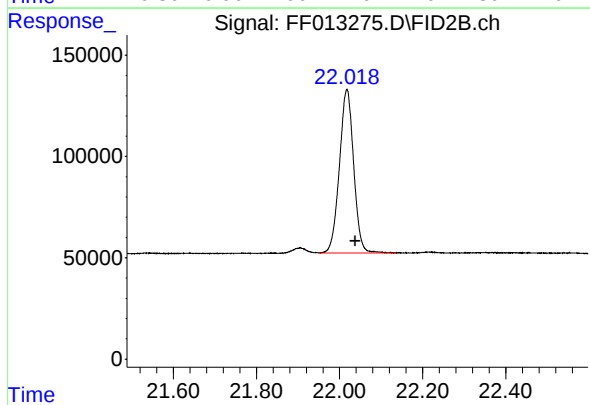
R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 1871590
Conc: 17.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.014 min
Response: 1850195
Conc: 18.32 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.020 min
Response: 1923260
Conc: 19.35 ug/ml