

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082923AL\
 Data File : FF013450.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2023 08:46
 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 30 11:04:39 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)	11.890	2789432	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	13.329	2104193	20.079 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
Target Compounds			
1) T n-Nonane (C9)	3.273	2255815	21.112 ug/ml
2) T n-Decane (C10)	4.527	2292628	21.393 ug/ml
3) T A~Naphthalene (C11.7)	6.229	2531117	21.380 ug/ml
4) T n-Dodecane (C12)	6.695	2323407	21.472 ug/ml
5) T A~2-methylnaphthalene...	7.325	2485915	20.972 ug/ml
6) T n-Tetradecane (C14)	8.523	2312421	21.422 ug/ml
7) T n-Hexadecane (C16)	10.130	2367127	21.837 ug/ml
8) T n-Octadecane (C18)	11.575	2376694	21.705 ug/ml
10) T n-Eicosane (C20)	12.885	2314217	21.090 ug/ml
11) T n-Heneicosane (C21)	13.498	2288234	20.827 ug/ml
13) T n-Docosane (C22)	14.084	2261615	20.600 ug/ml
14) T n-Tetracosane (C24)	15.187	2227772	20.277 ug/ml
15) T n-Hexacosane (C26)	16.209	2164662	19.806 ug/ml
16) T n-Octacosane (C28)	17.159	2103769	19.484 ug/ml
17) T n-Tricontane (C30)	18.046	2114169	19.332 ug/ml
18) T n-Dotriacontane (C32)	18.879	2102165	18.610 ug/ml
19) T n-Tetratriacontane (C34)	19.663	2062008	19.412 ug/ml
20) T n-Hexatriacontane (C36)	20.403	2129734	20.206 ug/ml
21) T n-Octatriacontane (C38)	21.132	2119625	20.986 ug/ml
22) T n-Tetracontane (C40)	22.029	2291096	23.051 ug/ml

(f)=RT Delta > 1/2 Window

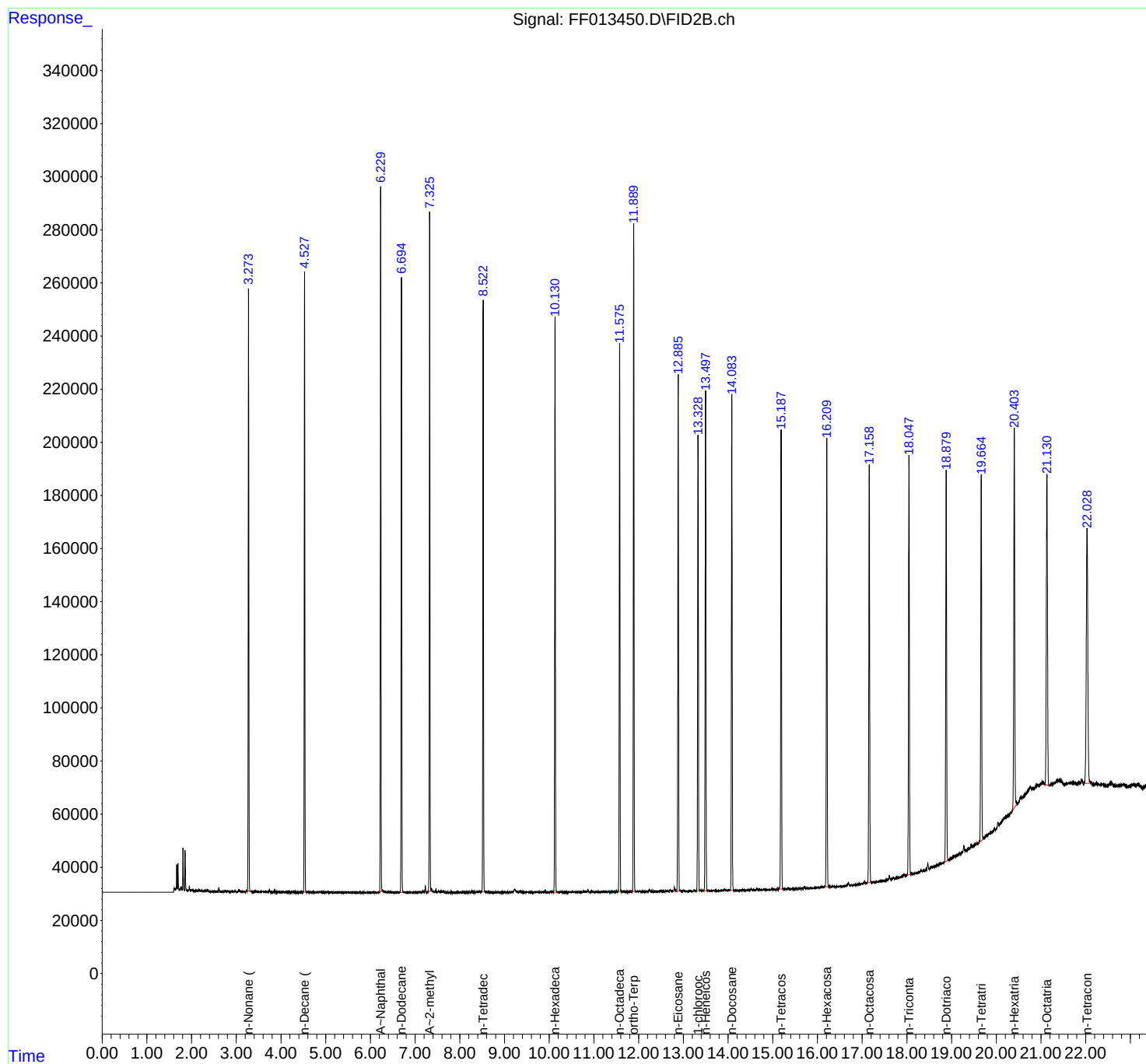
(m)=manual int.

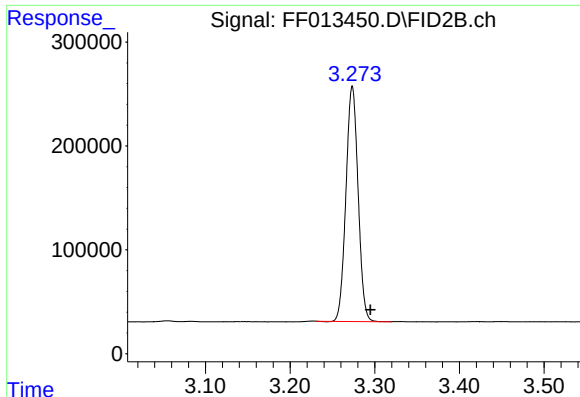
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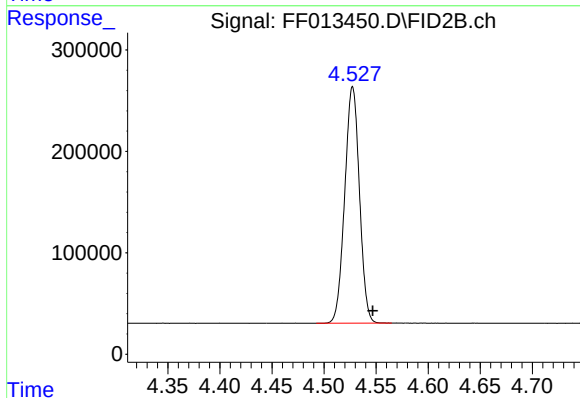




#1 n-Nonane (C9)

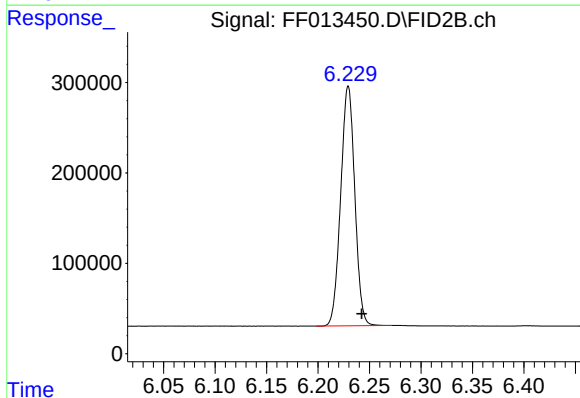
R.T.: 3.273 min
Delta R.T.: -0.022 min
Response: 2255815
Conc: 21.11 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



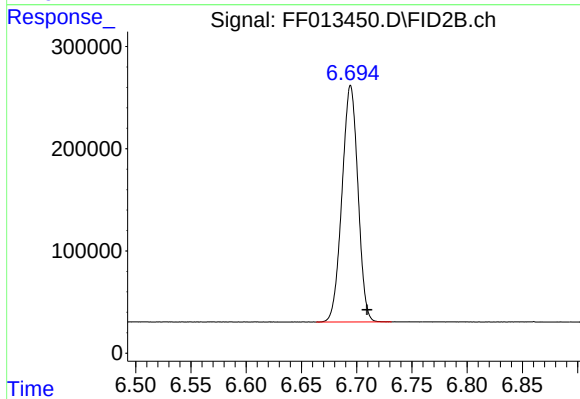
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: -0.019 min
Response: 2292628
Conc: 21.39 ug/ml



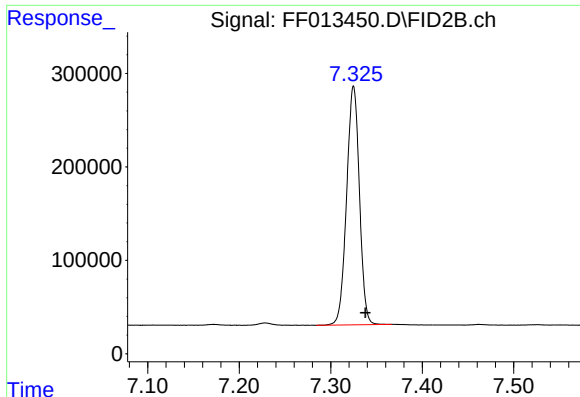
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.013 min
Response: 2531117
Conc: 21.38 ug/ml



#4 n-Dodecane (C12)

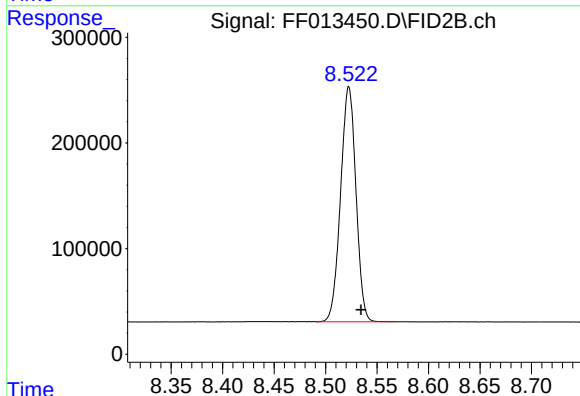
R.T.: 6.695 min
Delta R.T.: -0.015 min
Response: 2323407
Conc: 21.47 ug/ml



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

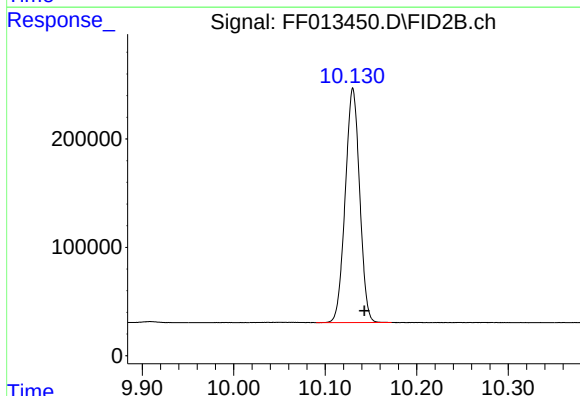
R.T.: 7.325 min
Delta R.T.: -0.013 min
Response: 2485915
Conc: 20.97 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



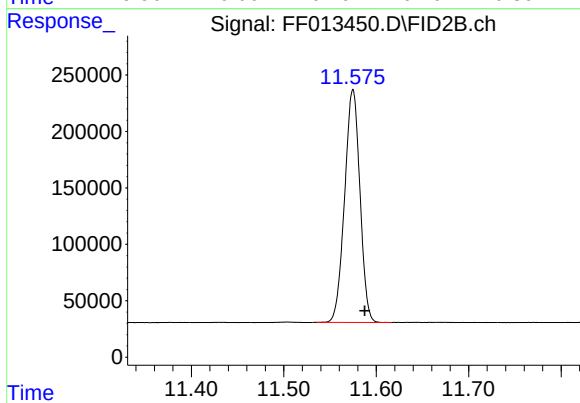
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.012 min
Response: 2312421
Conc: 21.42 ug/ml



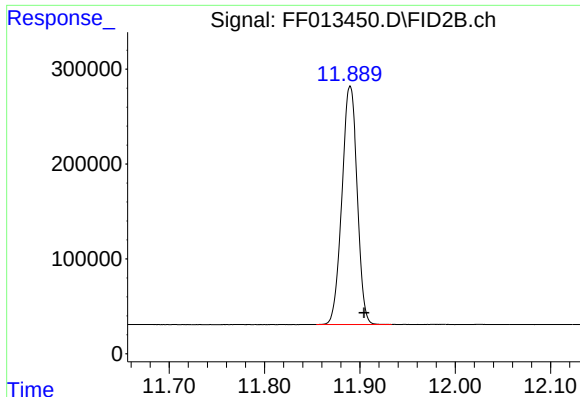
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.012 min
Response: 2367127
Conc: 21.84 ug/ml



#8 n-Octadecane (C18)

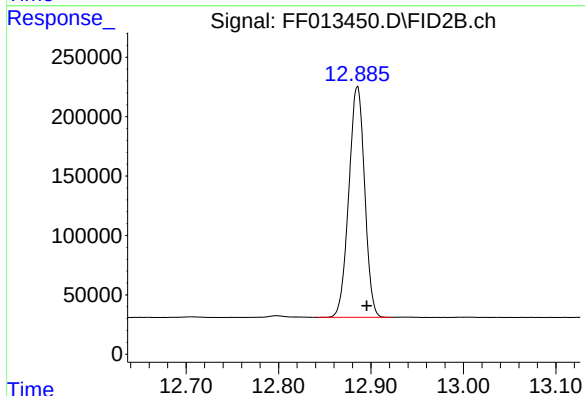
R.T.: 11.575 min
Delta R.T.: -0.013 min
Response: 2376694
Conc: 21.71 ug/ml



#9 ortho-Terphenyl (SURR)

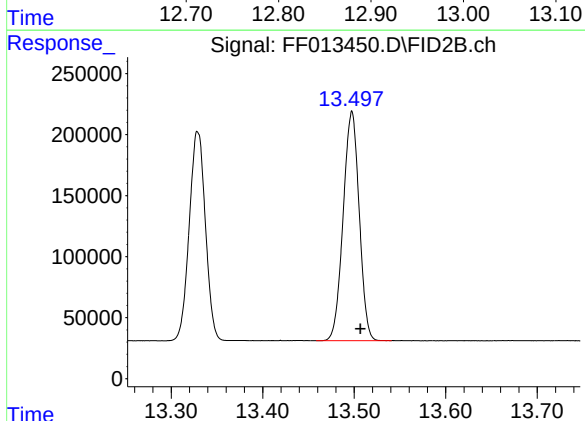
R.T.: 11.890 min
Delta R.T.: -0.014 min
Response: 2789432
Conc: 20.30 ug/ml

Instrument :
FID_F
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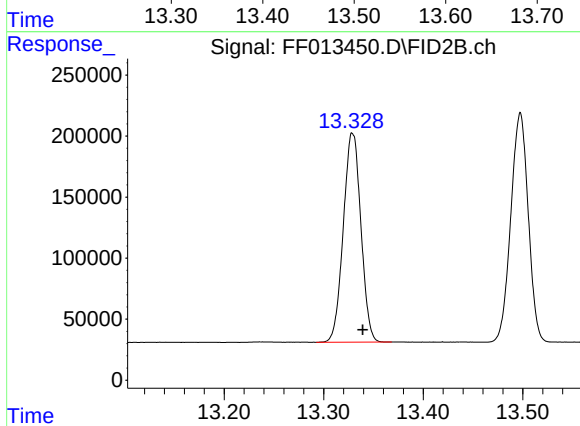
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2314217
Conc: 21.09 ug/ml



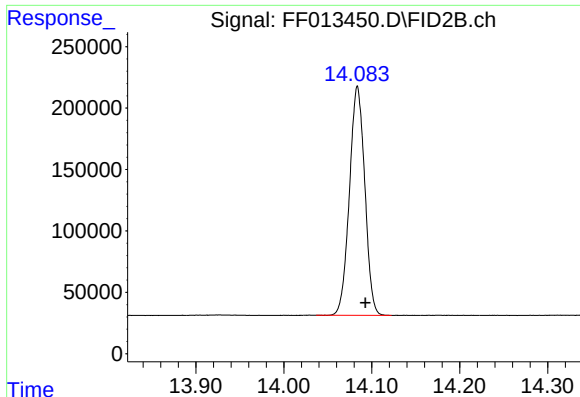
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 2288234
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

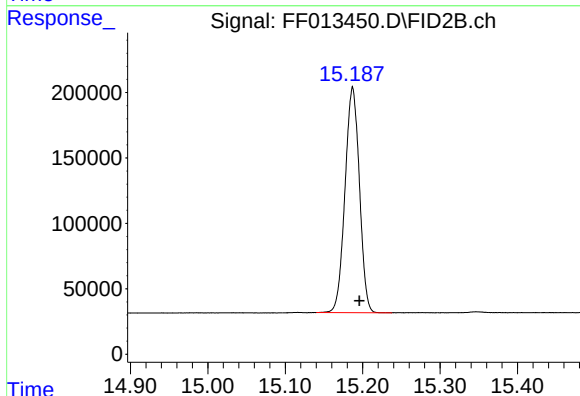
R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 2104193
Conc: 20.08 ug/ml



#13 n-Docosane (C22)

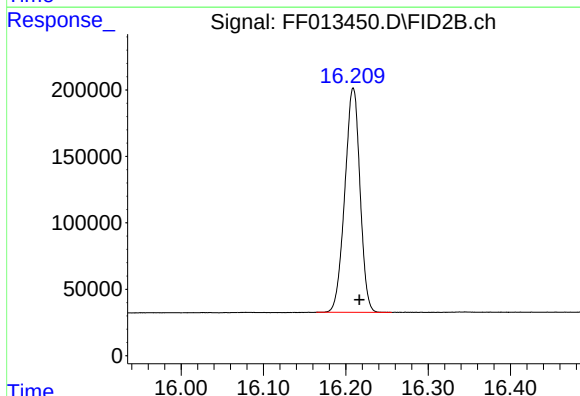
R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 2261615
Conc: 20.60 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



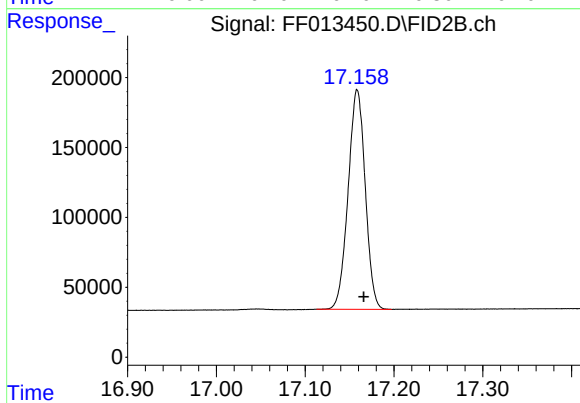
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.009 min
Response: 2227772
Conc: 20.28 ug/ml



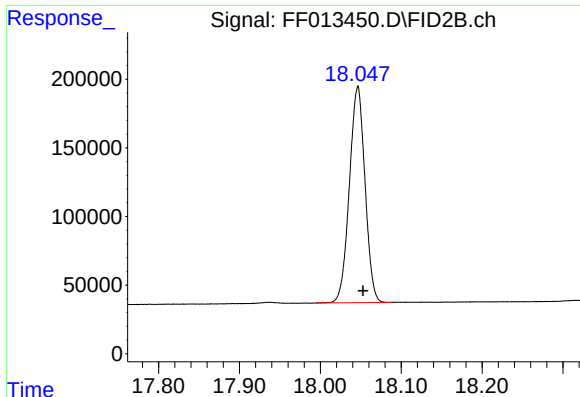
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 2164662
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

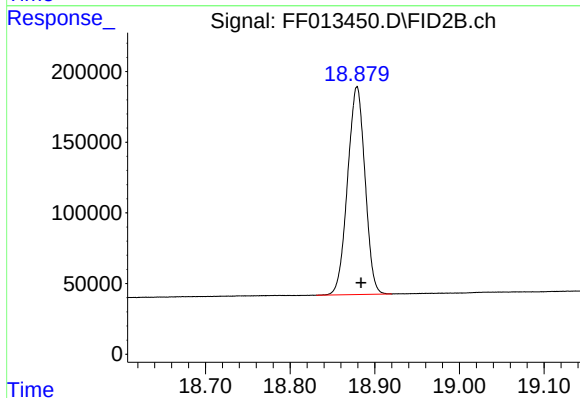
R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 2103769
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

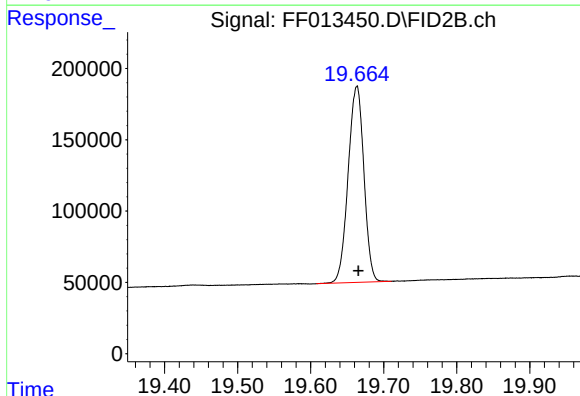
R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 2114169
Conc: 19.33 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



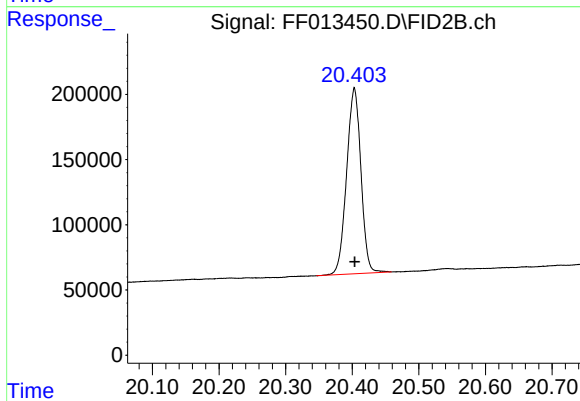
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.005 min
Response: 2102165
Conc: 18.61 ug/ml



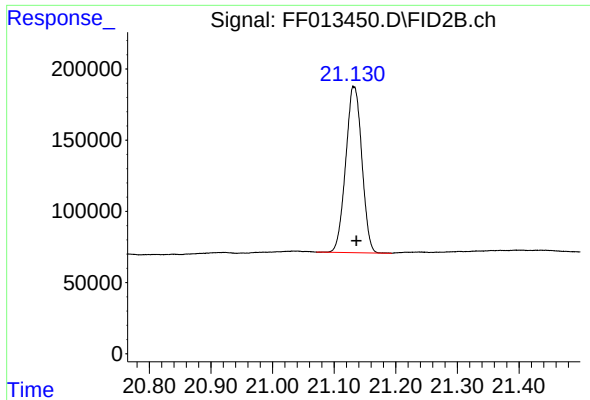
#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.002 min
Response: 2062008
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

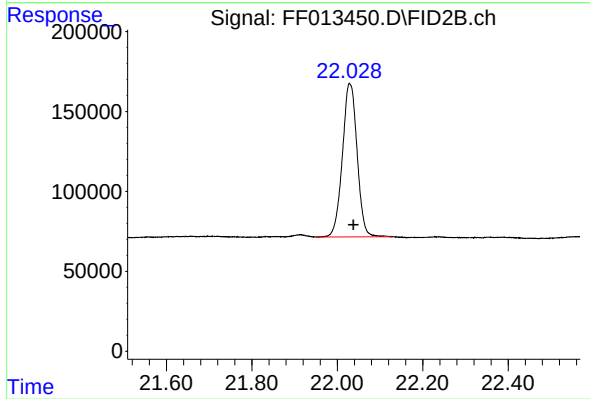
R.T.: 20.403 min
Delta R.T.: 0.000 min
Response: 2129734
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: -0.004 min
Response: 2119625
Conc: 20.99 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: -0.009 min
Response: 2291096
Conc: 23.05 ug/ml