

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081123AL\
 Data File : FF013191.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 10:12
 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 12 00:55:54 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)	11.891	2601879	18.937 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
12) S 1-chlorooctadecane (S...	13.329	1974564	18.842 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.283	2017795	18.884 ug/ml
2) T n-Decane (C10)	4.537	2027829	18.923 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2239983	18.921 ug/ml
4) T n-Dodecane (C12)	6.702	2050084	18.946 ug/ml
5) T A~2-methylnaphthalene...	7.328	2244052	18.932 ug/ml
6) T n-Tetradecane (C14)	8.526	2041363	18.911 ug/ml
7) T n-Hexadecane (C16)	10.134	2053908	18.948 ug/ml
8) T n-Octadecane (C18)	11.577	2073084	18.932 ug/ml
10) T n-Eicosane (C20)	12.885	2077238	18.930 ug/ml
11) T n-Heneicosane (C21)	13.498	2080188	18.934 ug/ml
13) T n-Docosane (C22)	14.083	2077152	18.920 ug/ml
14) T n-Tetracosane (C24)	15.186	2078375	18.917 ug/ml
15) T n-Hexacosane (C26)	16.206	2064263	18.888 ug/ml
16) T n-Octacosane (C28)	17.155	2038279	18.878 ug/ml
17) T n-Tricontane (C30)	18.042	2058860	18.827 ug/ml
18) T n-Dotriacontane (C32)	18.873	2061156	18.247 ug/ml
19) T n-Tetratriacontane (C34)	19.656	1976167	18.604 ug/ml
20) T n-Hexatriacontane (C36)	20.393	1946517	18.468 ug/ml
21) T n-Octatriacontane (C38)	21.124	1876144	18.576 ug/ml
22) T n-Tetracontane (C40)	22.020	1796085	18.071 ug/ml

(f)=RT Delta > 1/2 Window

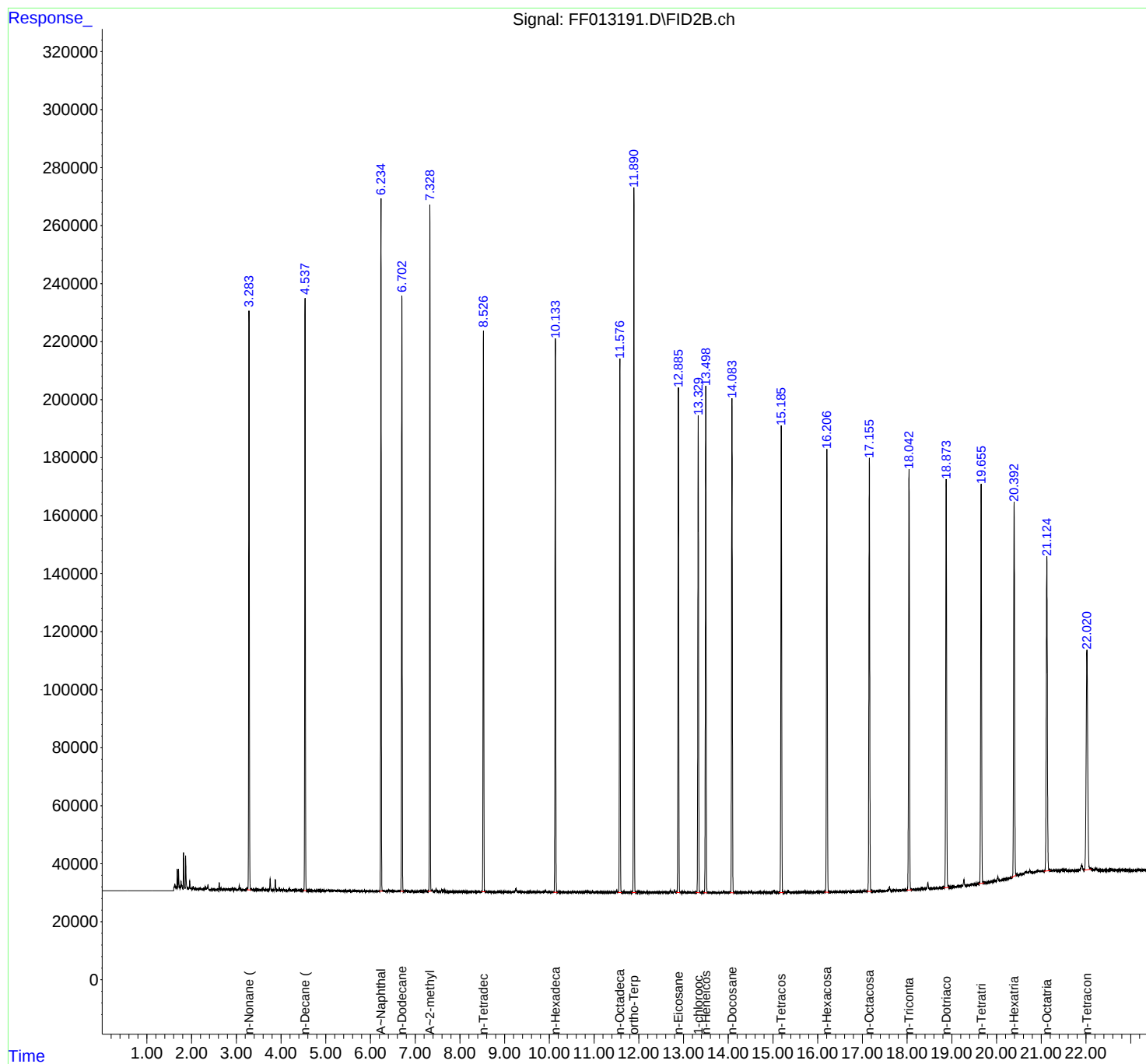
(m)=manual int.

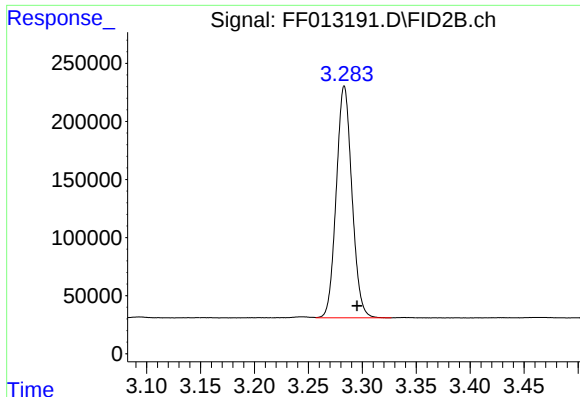
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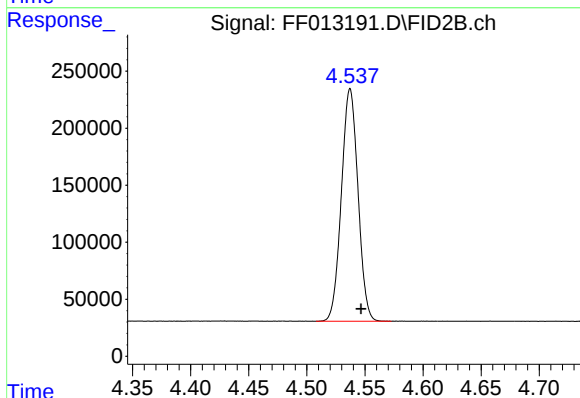




#1 n-Nonane (C9)

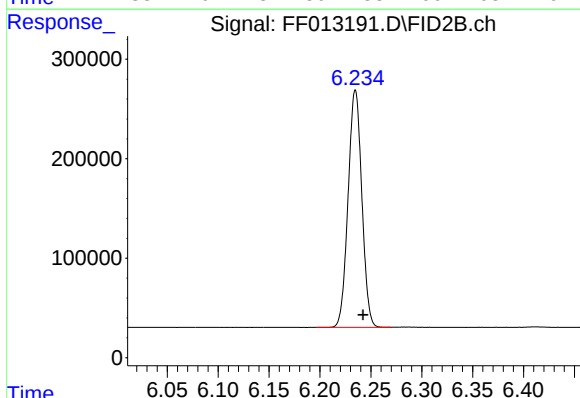
R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 2017795
Conc: 18.88 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



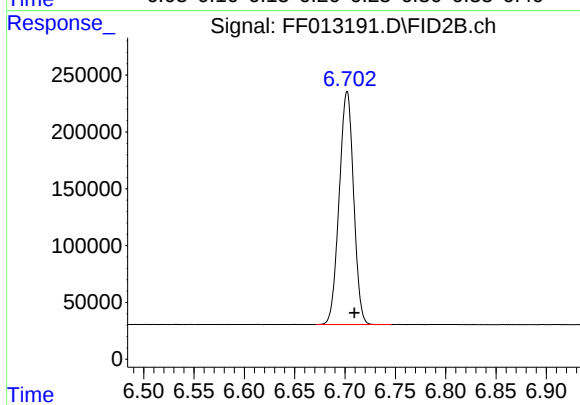
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.009 min
Response: 2027829
Conc: 18.92 ug/ml



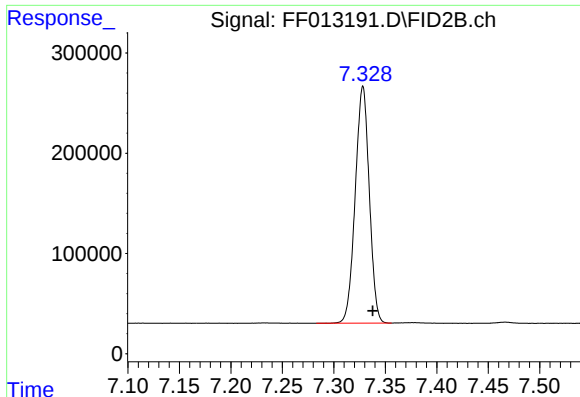
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.008 min
Response: 2239983
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

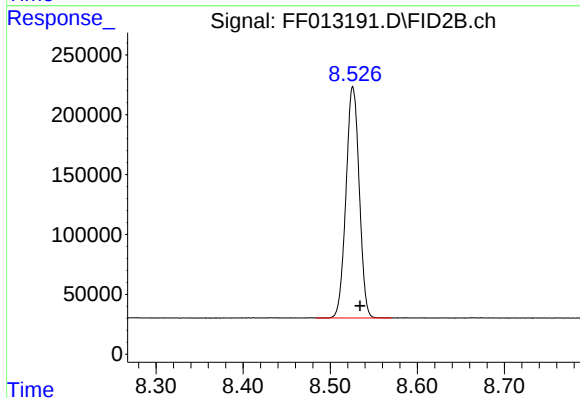
R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 2050084
Conc: 18.95 ug/ml



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

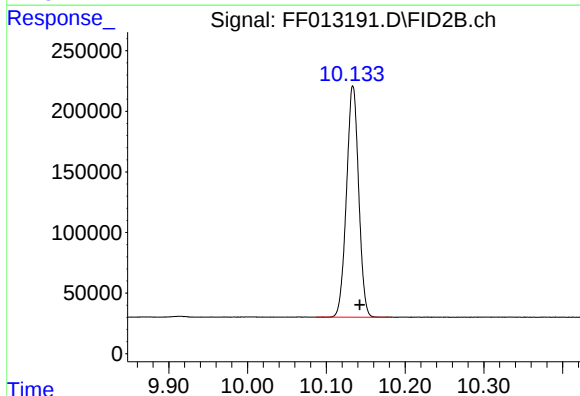
R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2244052
Conc: 18.93 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



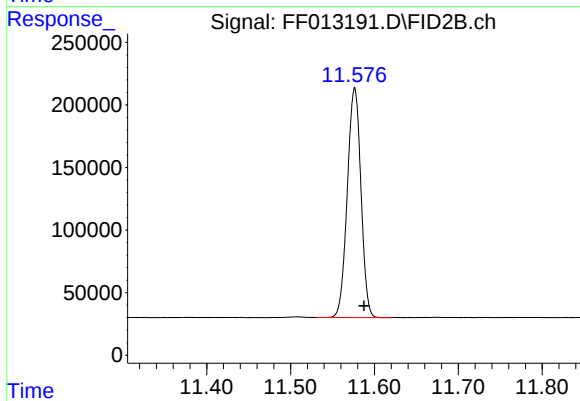
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.008 min
Response: 2041363
Conc: 18.91 ug/ml



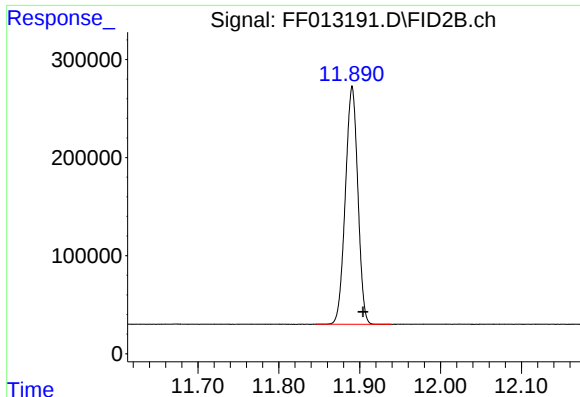
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.009 min
Response: 2053908
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

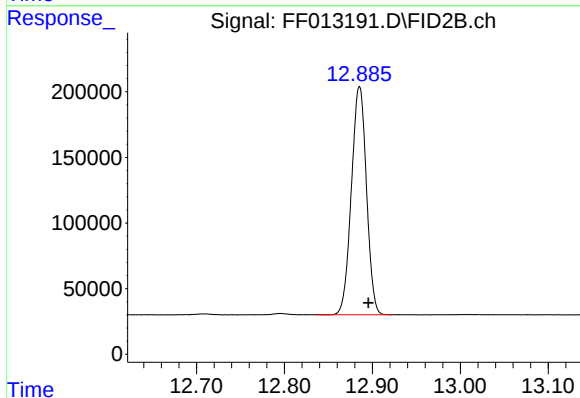
R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 2073084
Conc: 18.93 ug/ml



#9 ortho-Terphenyl (SURR)

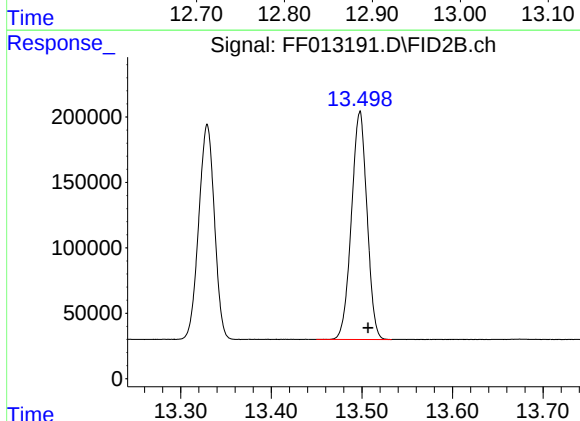
R.T.: 11.891 min
Delta R.T.: -0.014 min
Response: 2601879
Conc: 18.94 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



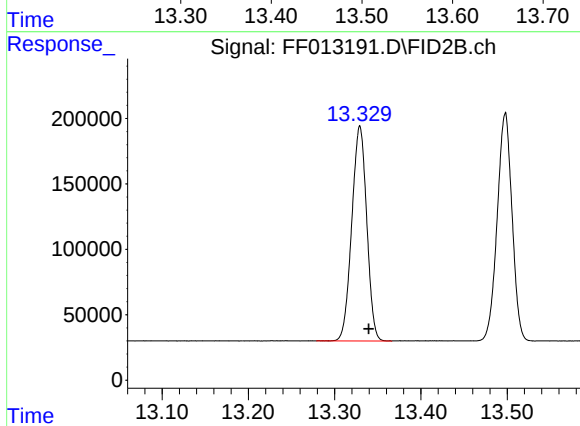
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2077238
Conc: 18.93 ug/ml



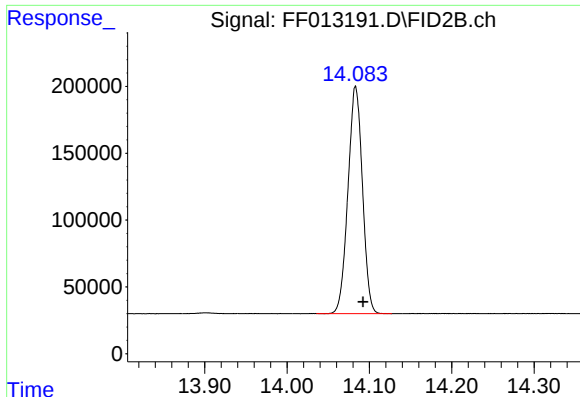
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 2080188
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

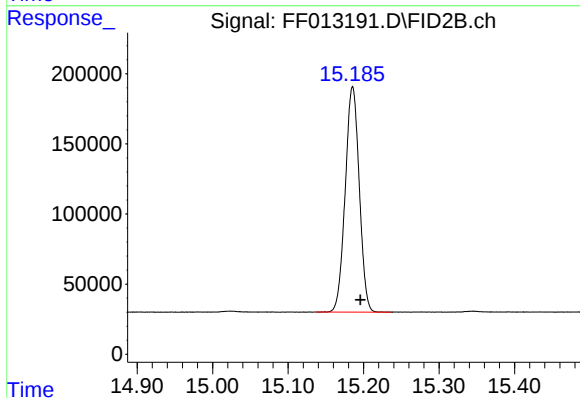
R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 1974564
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

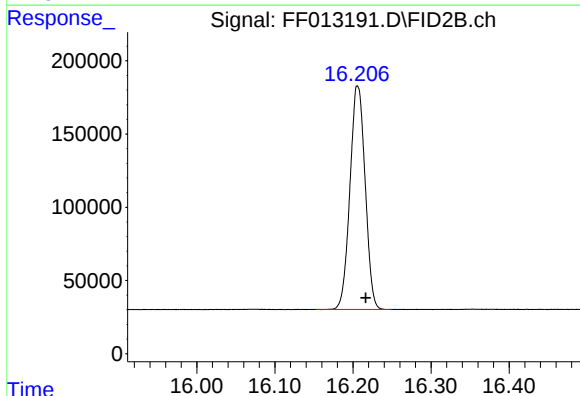
R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 2077152
Conc: 18.92 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



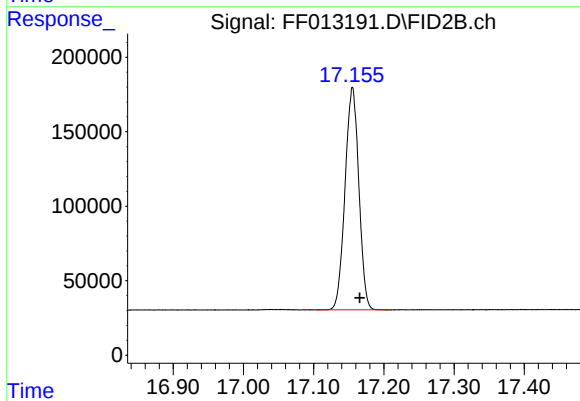
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 2078375
Conc: 18.92 ug/ml



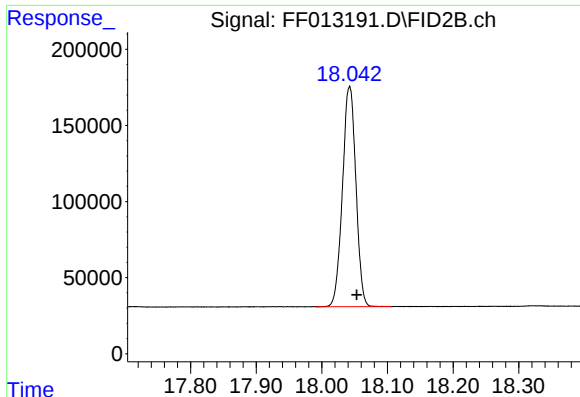
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: -0.011 min
Response: 2064263
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

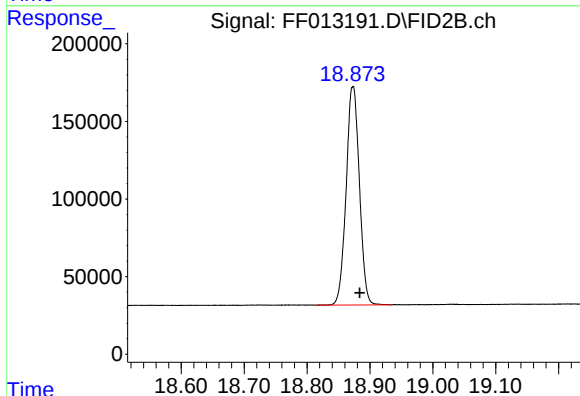
R.T.: 17.155 min
Delta R.T.: -0.011 min
Response: 2038279
Conc: 18.88 ug/ml



#17 n-Tricontane (C30)

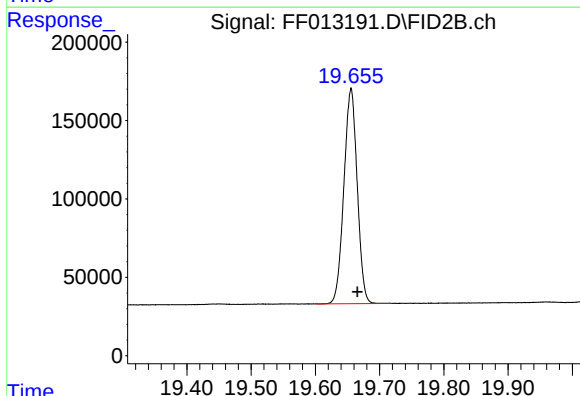
R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 2058860
Conc: 18.83 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



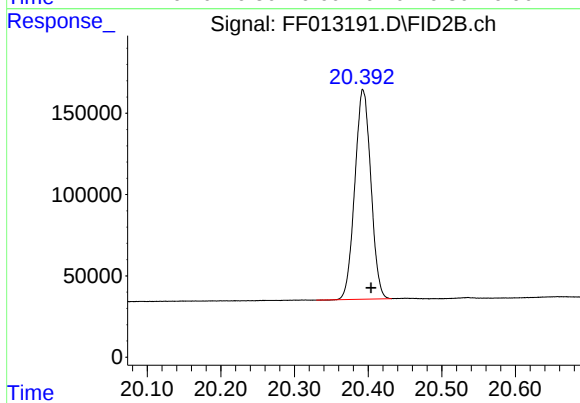
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.011 min
Response: 2061156
Conc: 18.25 ug/ml



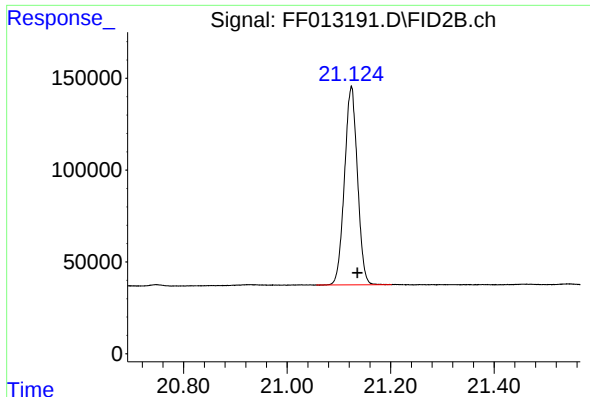
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.010 min
Response: 1976167
Conc: 18.60 ug/ml



#20 n-Hexatriacontane (C36)

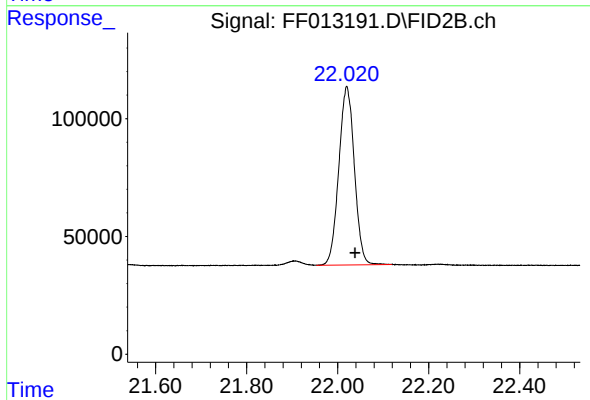
R.T.: 20.393 min
Delta R.T.: -0.011 min
Response: 1946517
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 1876144
Conc: 18.58 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.018 min
Response: 1796085
Conc: 18.07 ug/ml