

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013188.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 20:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 10 22:59:17 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	2650533	19.292 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	13.331	2023827	19.313 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.286	2055384	19.236 ug/ml
2) T n-Decane (C10)	4.539	2065856	19.277 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2281027	19.267 ug/ml
4) T n-Dodecane (C12)	6.703	2083656	19.256 ug/ml
5) T A~2-methylnaphthalene...	7.329	2284464	19.273 ug/ml
6) T n-Tetradecane (C14)	8.528	2078638	19.257 ug/ml
7) T n-Hexadecane (C16)	10.135	2093209	19.310 ug/ml
8) T n-Octadecane (C18)	11.579	2112721	19.294 ug/ml
10) T n-Eicosane (C20)	12.887	2120319	19.323 ug/ml
11) T n-Heneicosane (C21)	13.500	2122284	19.317 ug/ml
13) T n-Docosane (C22)	14.086	2118758	19.299 ug/ml
14) T n-Tetracosane (C24)	15.187	2117980	19.278 ug/ml
15) T n-Hexacosane (C26)	16.209	2105687	19.267 ug/ml
16) T n-Octacosane (C28)	17.157	2071698	19.187 ug/ml
17) T n-Tricontane (C30)	18.045	2079976	19.020 ug/ml
18) T n-Dotriacontane (C32)	18.875	2081895	18.431 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2000483	18.833 ug/ml
20) T n-Hexatriacontane (C36)	20.396	1996058	18.938 ug/ml
21) T n-Octatriacontane (C38)	21.126	1919728	19.007 ug/ml
22) T n-Tetracontane (C40)	22.024	1902145	19.138 ug/ml

(f)=RT Delta > 1/2 Window

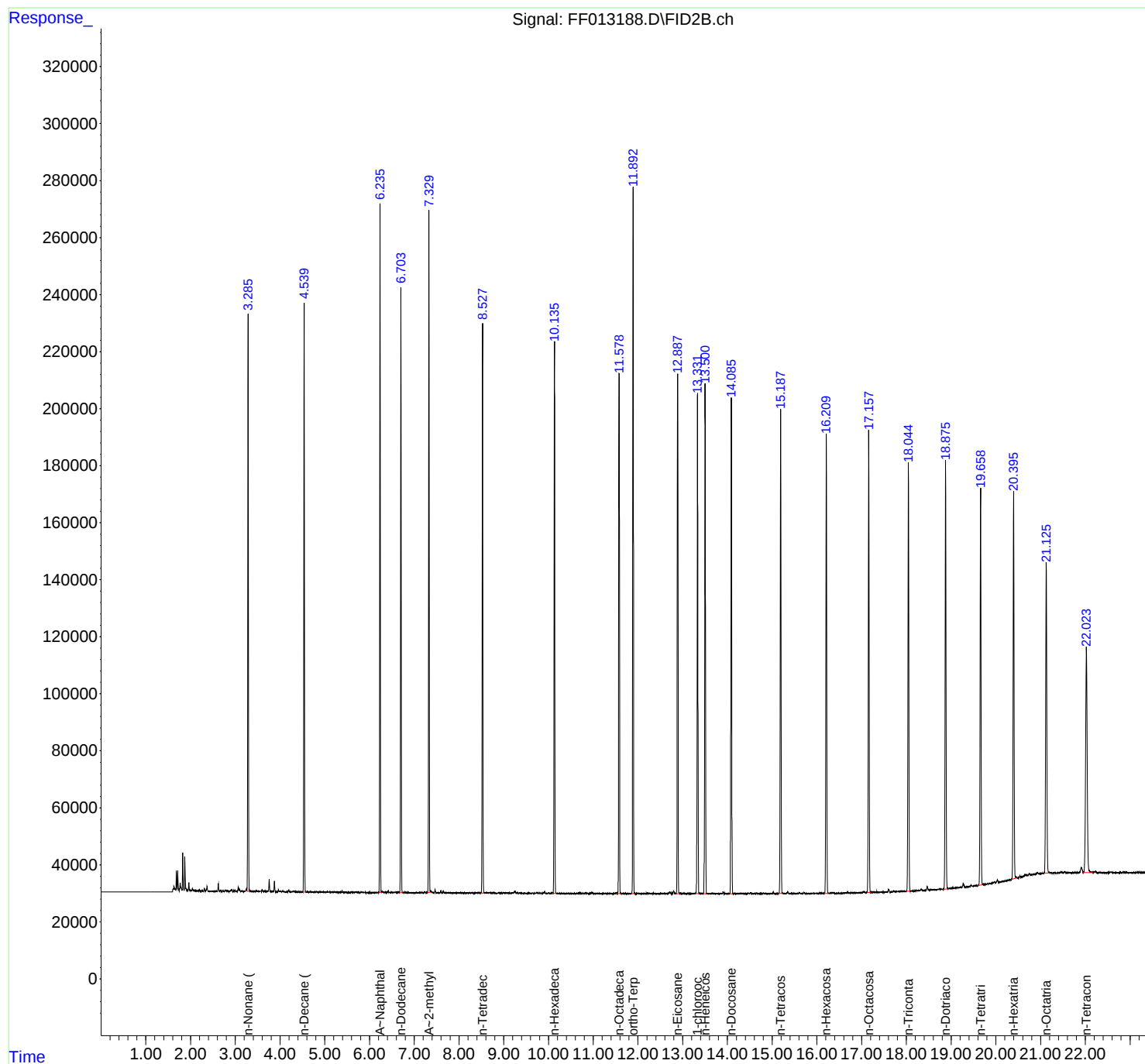
(m)=manual int.

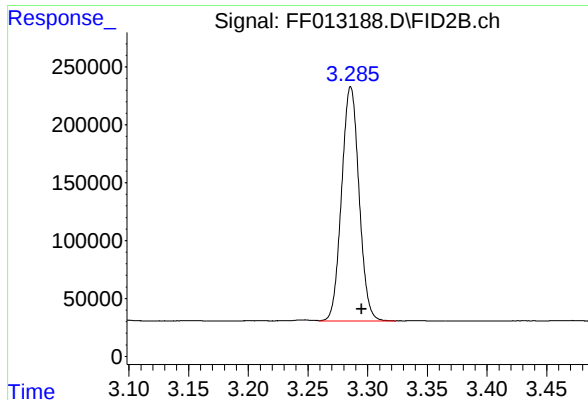
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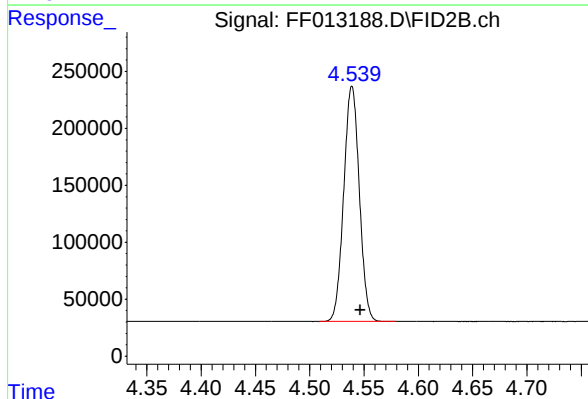




#1 n-Nonane (C9)

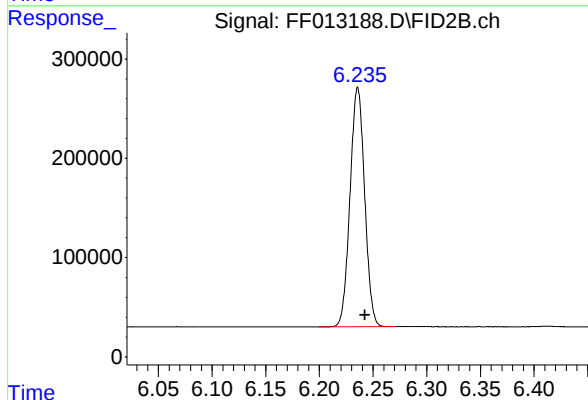
R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 2055384
Conc: 19.24 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



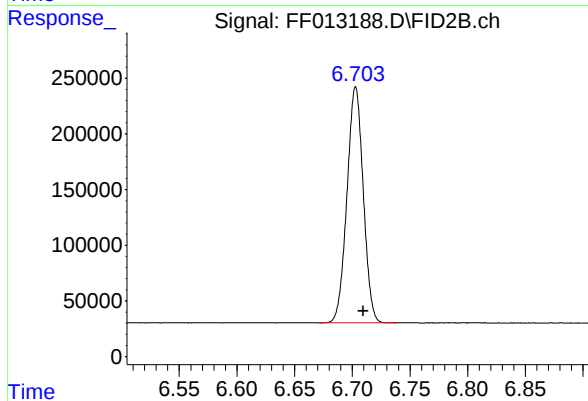
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 2065856
Conc: 19.28 ug/ml



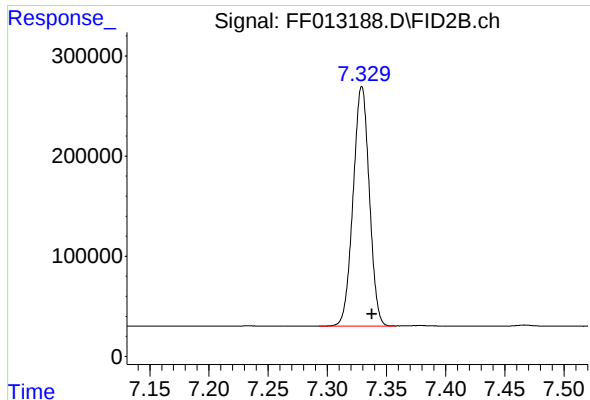
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.007 min
Response: 2281027
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

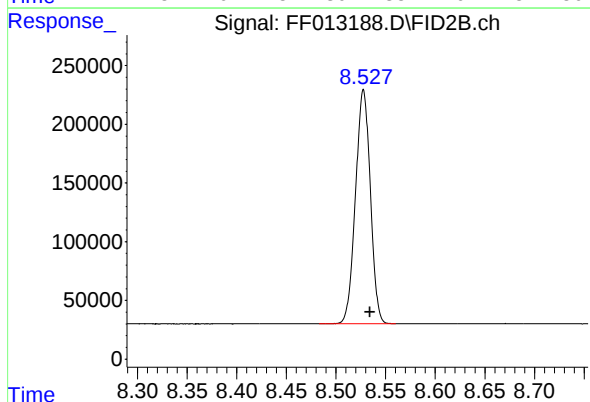
R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 2083656
Conc: 19.26 ug/ml



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

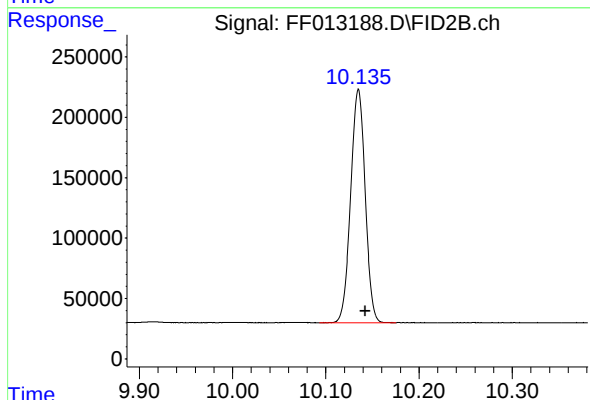
R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2284464
Conc: 19.27 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



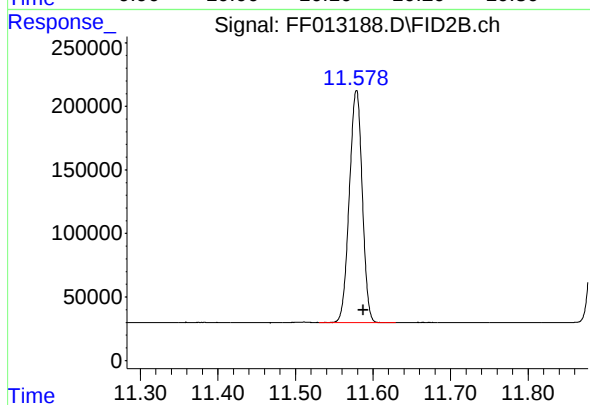
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.007 min
Response: 2078638
Conc: 19.26 ug/ml



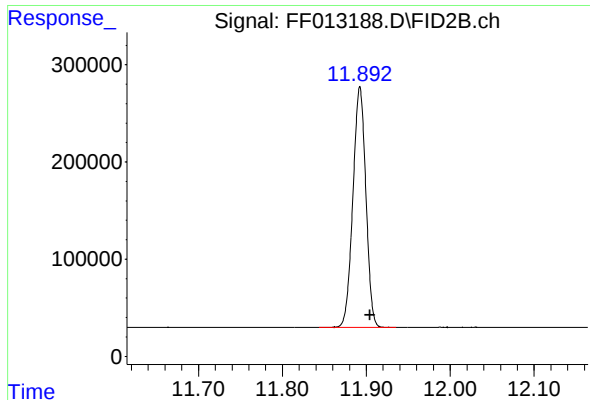
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 2093209
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

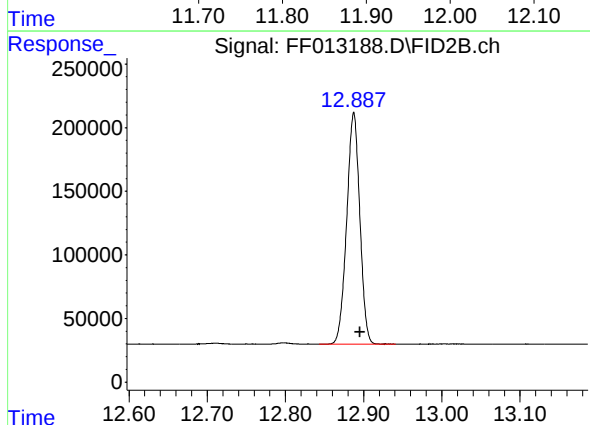
R.T.: 11.579 min
Delta R.T.: -0.009 min
Response: 2112721
Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

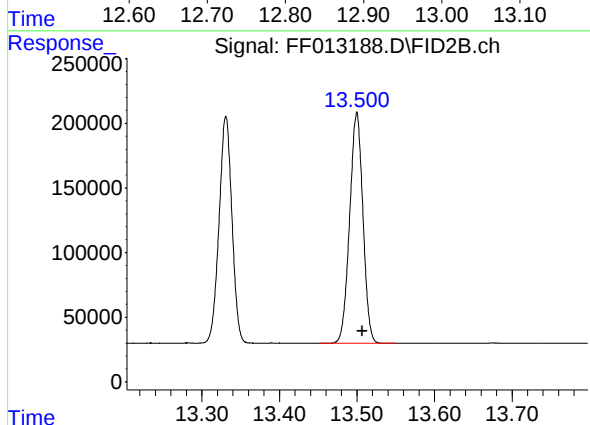
R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 2650533
Conc: 19.29 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



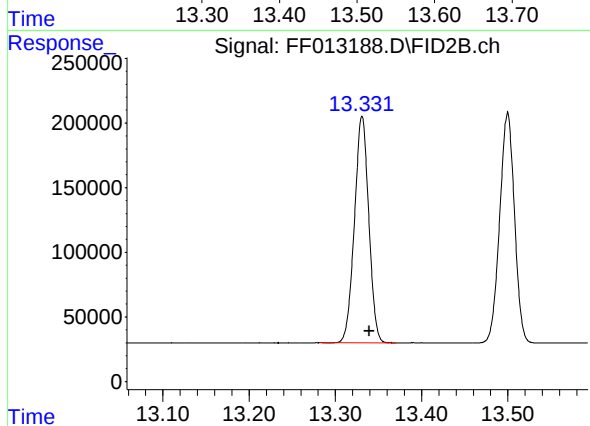
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 2120319
Conc: 19.32 ug/ml



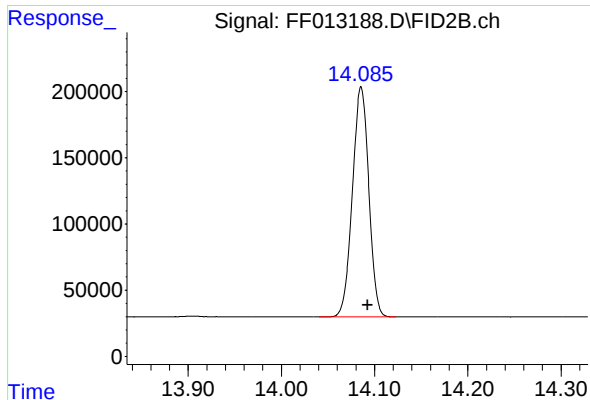
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.007 min
Response: 2122284
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

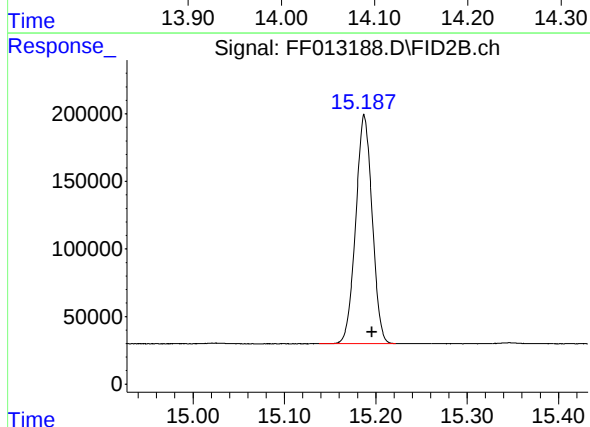
R.T.: 13.331 min
Delta R.T.: -0.008 min
Response: 2023827
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

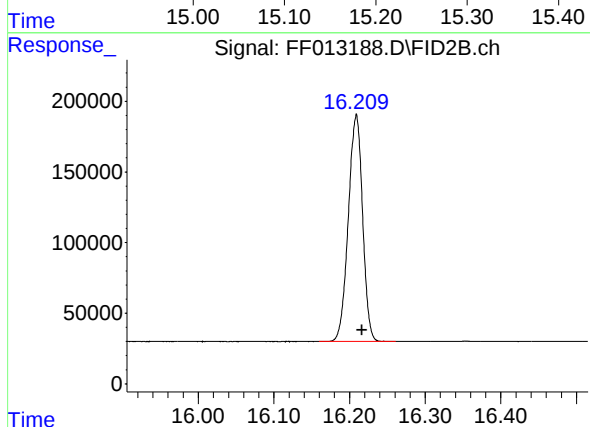
R.T.: 14.086 min
Delta R.T.: -0.007 min
Response: 2118758
Conc: 19.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



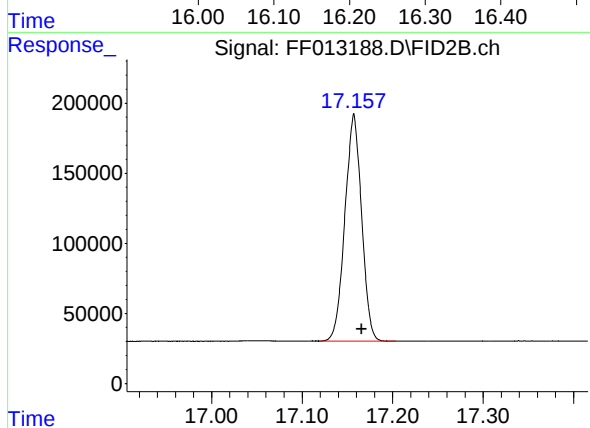
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.008 min
Response: 2117980
Conc: 19.28 ug/ml



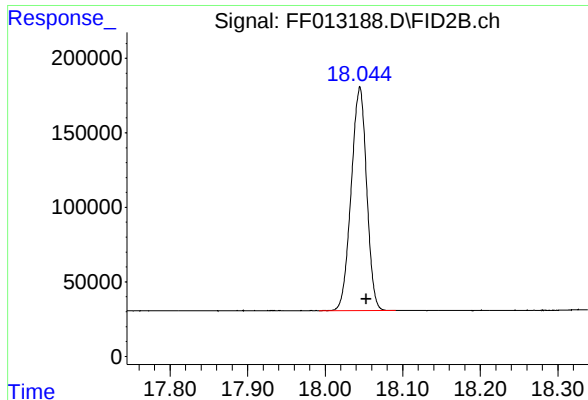
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 2105687
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

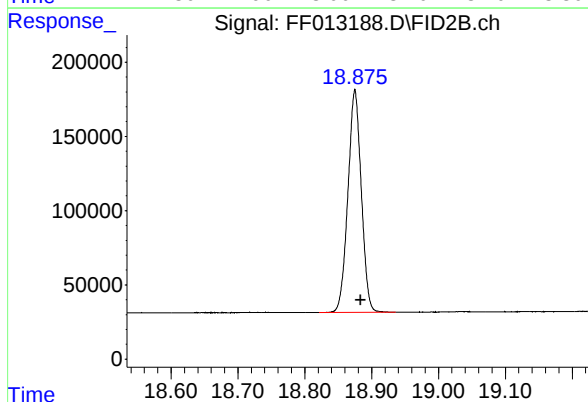
R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2071698
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

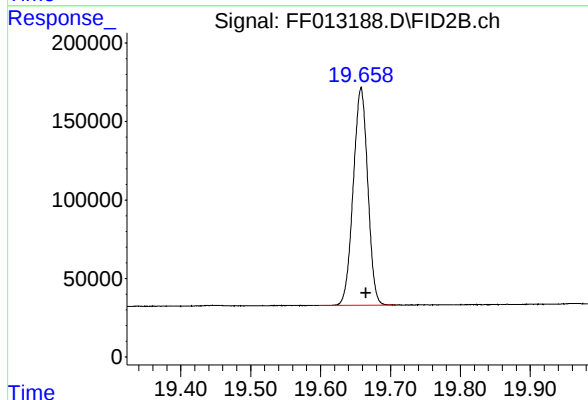
R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 2079976
Conc: 19.02 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



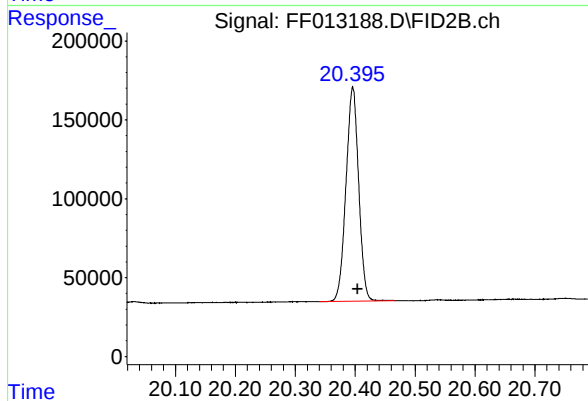
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.009 min
Response: 2081895
Conc: 18.43 ug/ml



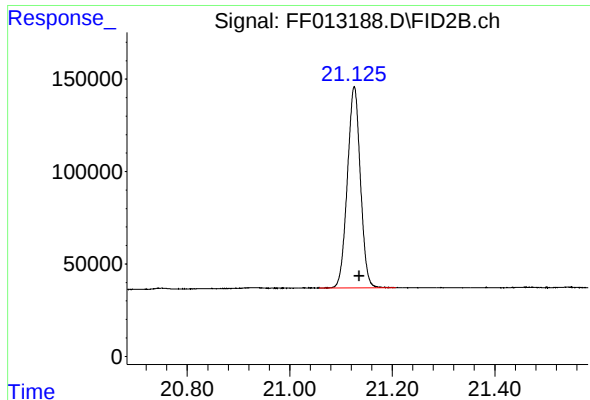
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.007 min
Response: 2000483
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

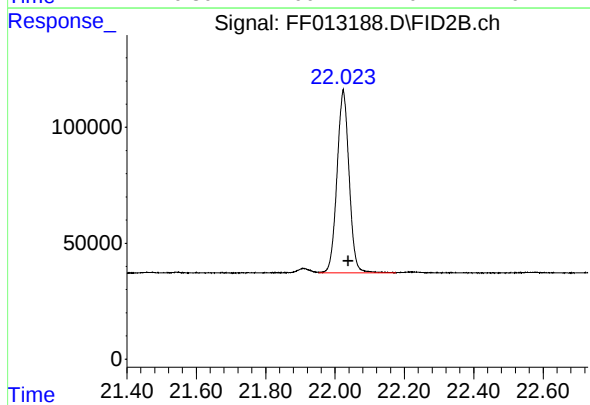
R.T.: 20.396 min
Delta R.T.: -0.008 min
Response: 1996058
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.010 min
Response: 1919728
Conc: 19.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: -0.014 min
Response: 1902145
Conc: 19.14 ug/ml