

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013178.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 15:11
 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 16:13:43 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)	11.893	2645672	19.256 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
12) S 1-chlorooctadecane (S...	13.331	2017715	19.254 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	3.285	2062107	19.299 ug/ml
2) T n-Decane (C10)	4.539	2069098	19.308 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2282430	19.279 ug/ml
4) T n-Dodecane (C12)	6.703	2087339	19.290 ug/ml
5) T A~2-methylnaphthalene...	7.330	2286594	19.291 ug/ml
6) T n-Tetradecane (C14)	8.528	2079832	19.268 ug/ml
7) T n-Hexadecane (C16)	10.135	2089531	19.276 ug/ml
8) T n-Octadecane (C18)	11.579	2113487	19.301 ug/ml
10) T n-Eicosane (C20)	12.887	2111627	19.244 ug/ml
11) T n-Heneicosane (C21)	13.500	2116205	19.262 ug/ml
13) T n-Docosane (C22)	14.085	2111628	19.234 ug/ml
14) T n-Tetracosane (C24)	15.187	2113071	19.233 ug/ml
15) T n-Hexacosane (C26)	16.208	2099487	19.210 ug/ml
16) T n-Octacosane (C28)	17.157	2071328	19.184 ug/ml
17) T n-Tricontane (C30)	18.043	2085849	19.073 ug/ml
18) T n-Dotriacontane (C32)	18.874	2090563	18.507 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2014425	18.964 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2009949	19.069 ug/ml
21) T n-Octatriacontane (C38)	21.124	1943933	19.247 ug/ml
22) T n-Tetracontane (C40)	22.022	1917384	19.291 ug/ml

(f)=RT Delta > 1/2 Window

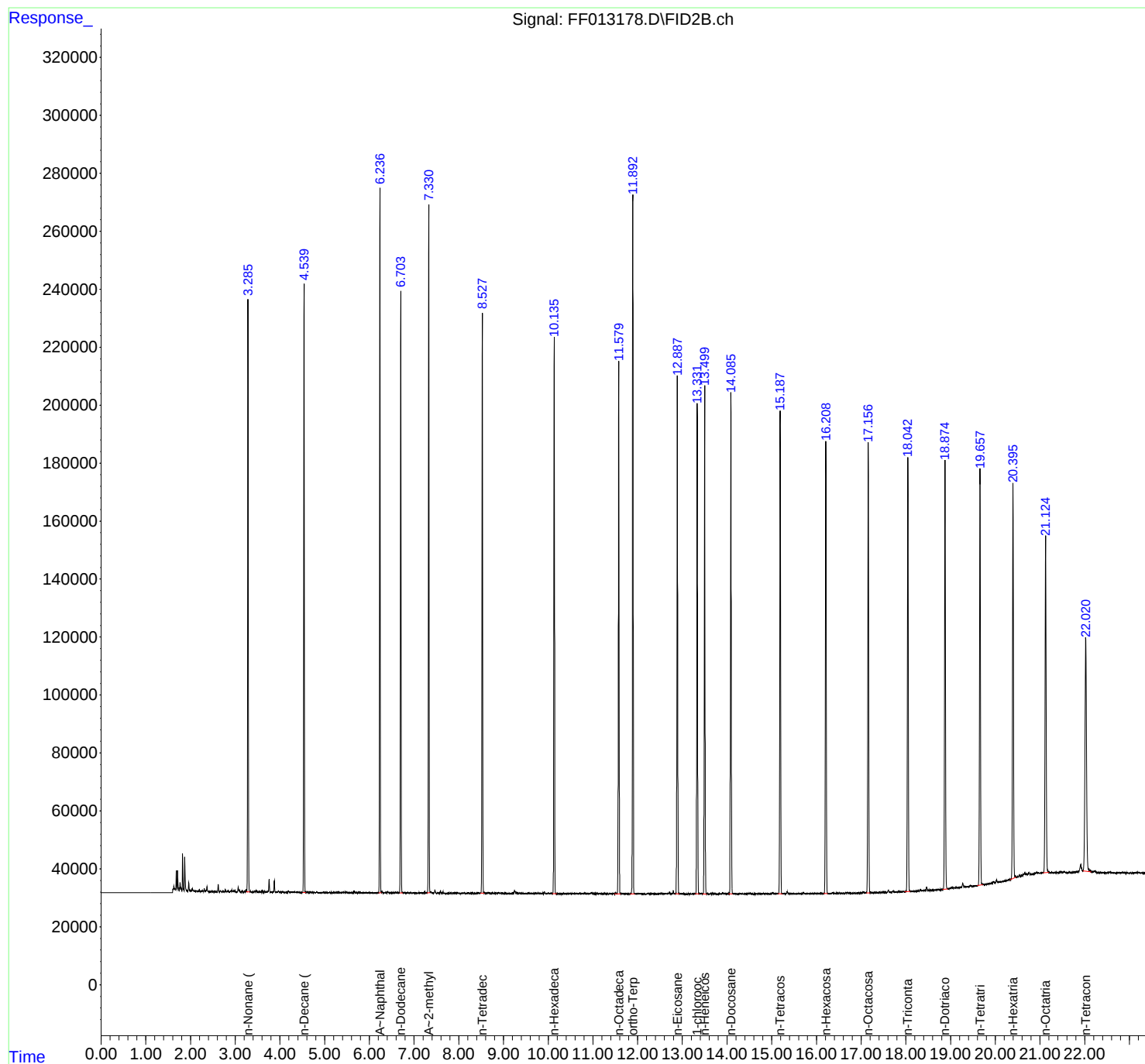
(m)=manual int.

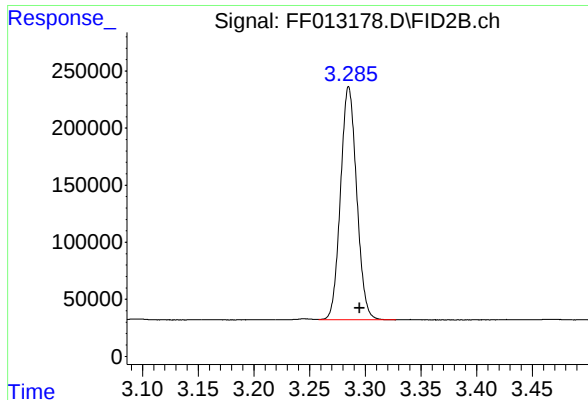
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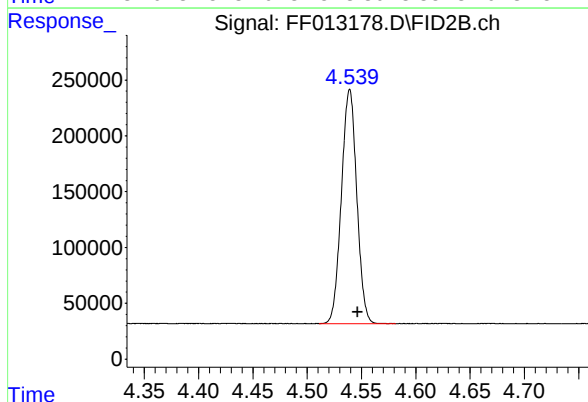




#1 n-Nonane (C9)

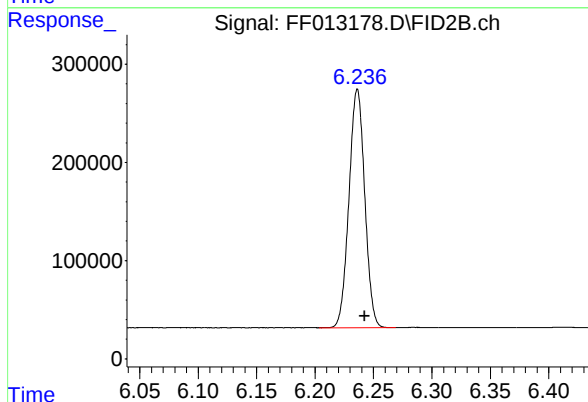
R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 2062107
Conc: 19.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



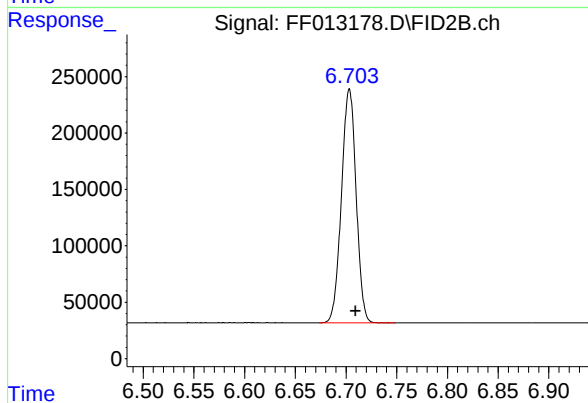
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 2069098
Conc: 19.31 ug/ml



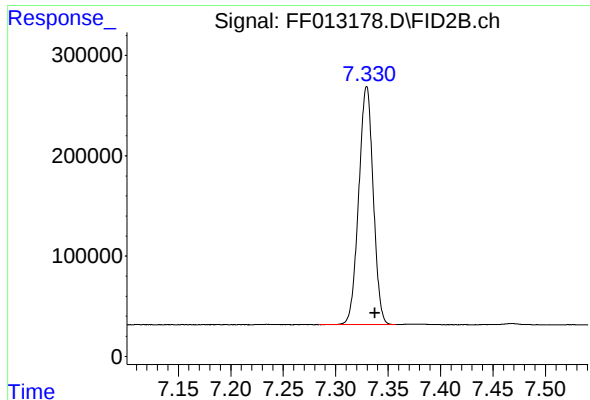
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.006 min
Response: 2282430
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

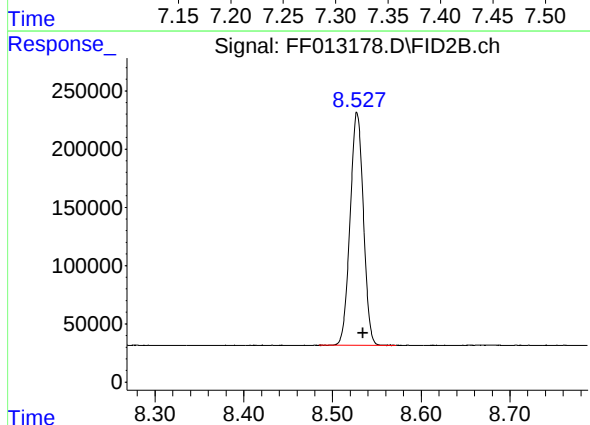
R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 2087339
Conc: 19.29 ug/ml



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

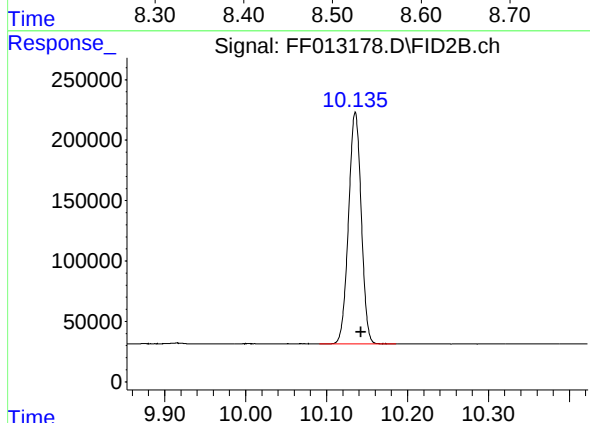
R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2286594
Conc: 19.29 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



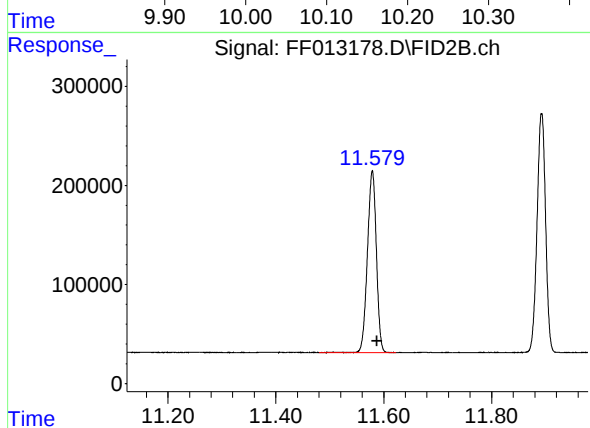
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.007 min
Response: 2079832
Conc: 19.27 ug/ml



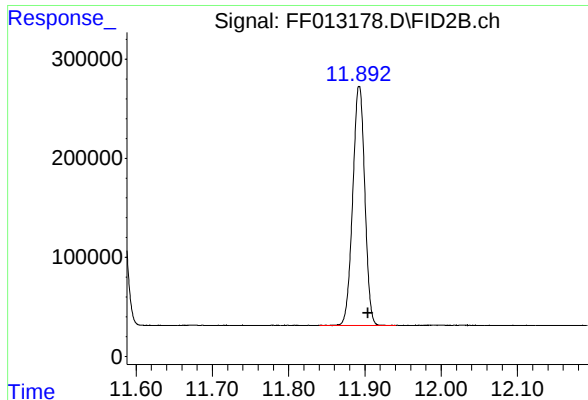
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.007 min
Response: 2089531
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

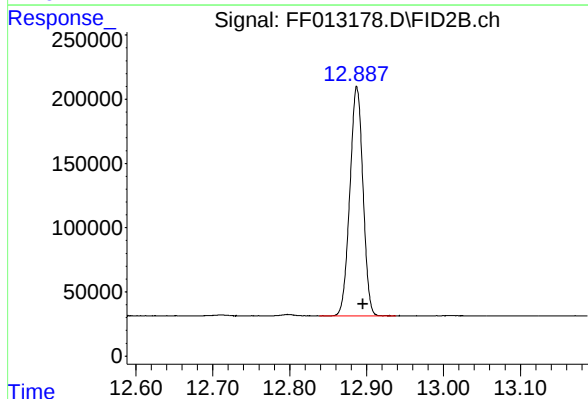
R.T.: 11.579 min
Delta R.T.: -0.009 min
Response: 2113487
Conc: 19.30 ug/ml



#9 ortho-Terphenyl (SURR)

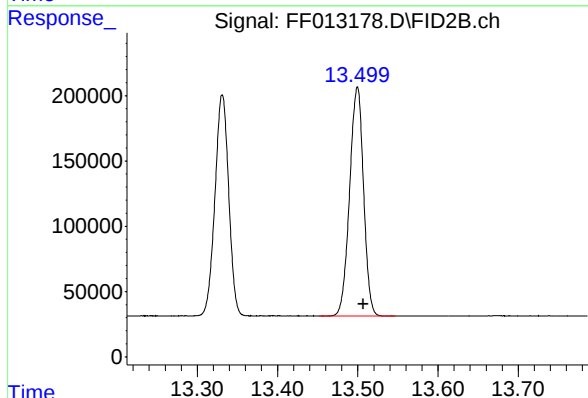
R.T.: 11.893 min
Delta R.T.: -0.012 min
Response: 2645672
Conc: 19.26 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



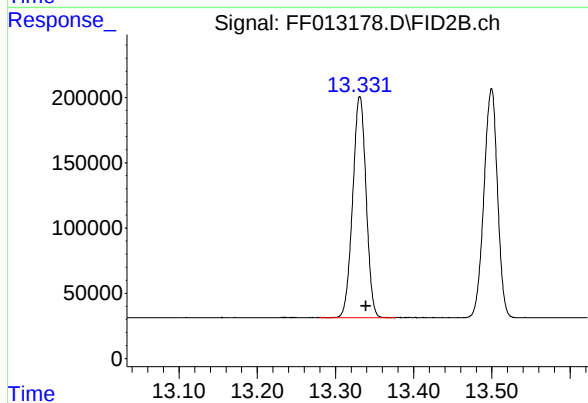
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 2111627
Conc: 19.24 ug/ml



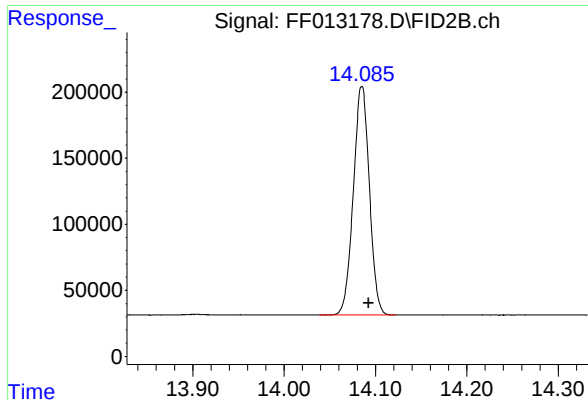
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.007 min
Response: 2116205
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

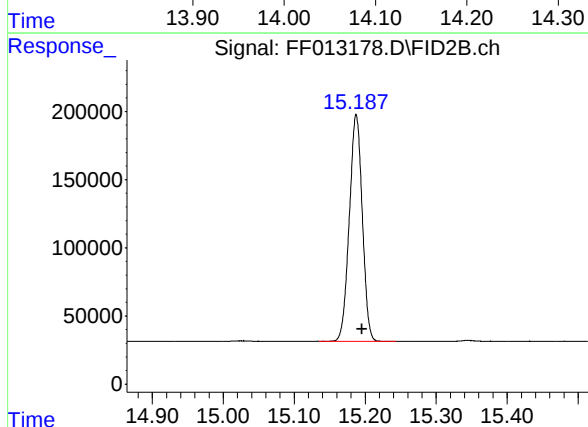
R.T.: 13.331 min
Delta R.T.: -0.008 min
Response: 2017715
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

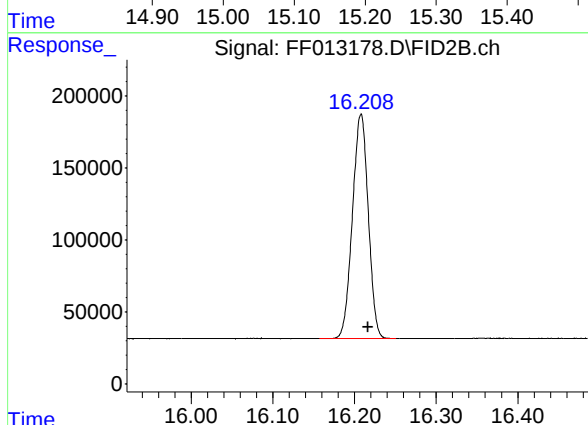
R.T.: 14.085 min
Delta R.T.: -0.007 min
Response: 2111628
Conc: 19.23 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



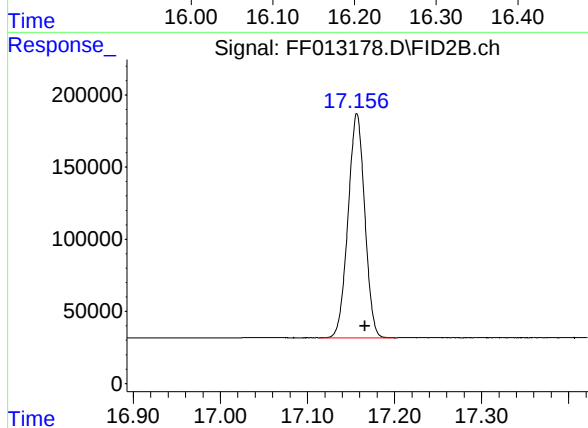
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.008 min
Response: 2113071
Conc: 19.23 ug/ml



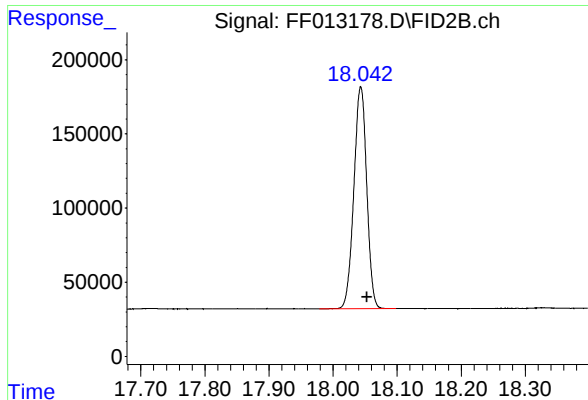
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 2099487
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

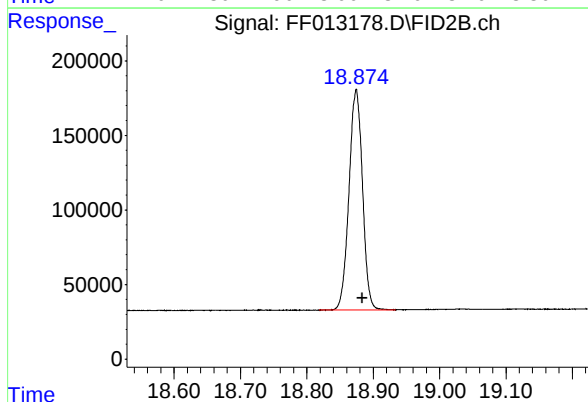
R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2071328
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

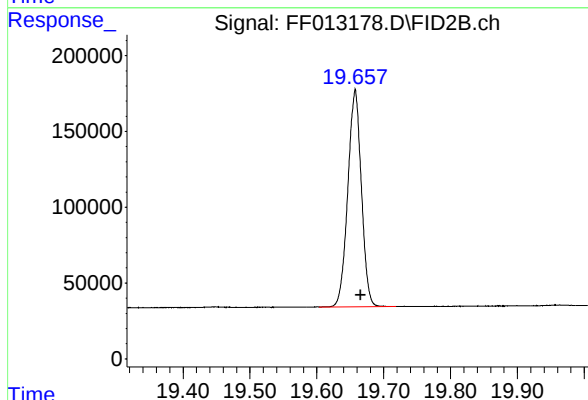
R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 2085849
Conc: 19.07 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



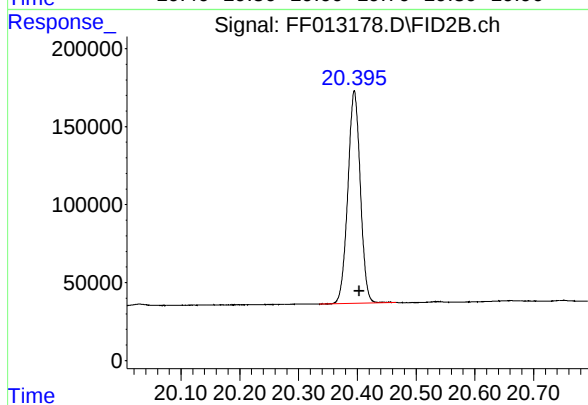
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.009 min
Response: 2090563
Conc: 18.51 ug/ml



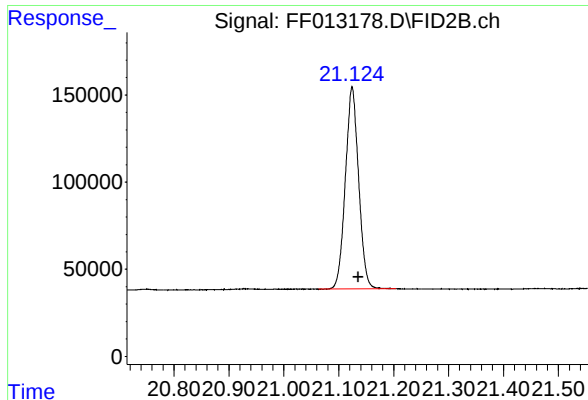
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.008 min
Response: 2014425
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

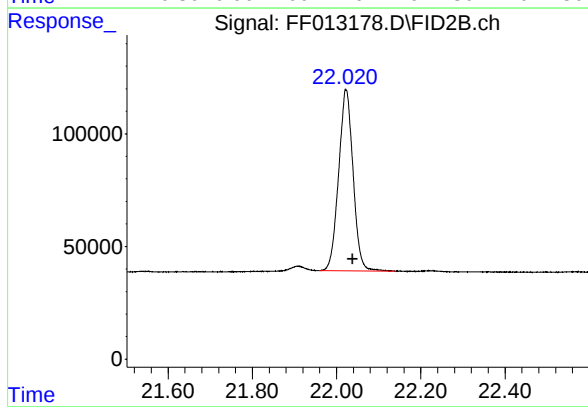
R.T.: 20.395 min
Delta R.T.: -0.009 min
Response: 2009949
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 1943933
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.016 min
Response: 1917384
Conc: 19.29 ug/ml