

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014595.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 13:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 02 13:20:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 2024
 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)	11.790	3167886	20.430 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	13.233	2466443	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.193	2539958	20.199 ug/ml
2) T n-Decane (C10)	4.442	2585736	20.304 ug/ml
3) T A~Naphthalene (C11.7)	6.134	2711500	20.540 ug/ml
4) T n-Dodecane (C12)	6.607	2624982	20.342 ug/ml
5) T A~2-methylnaphthalene...	7.230	2542615	20.836 ug/ml
6) T n-Tetradecane (C14)	8.434	2616046	20.372 ug/ml
7) T n-Hexadecane (C16)	10.040	2713600	20.624 ug/ml
8) T n-Octadecane (C18)	11.482	2846608	20.665 ug/ml
10) T n-Eicosane (C20)	12.789	2858650	20.563 ug/ml
11) T n-Heneicosane (C21)	13.401	2851670	20.530 ug/ml
13) T n-Docosane (C22)	13.987	2876353	20.469 ug/ml
14) T n-Tetracosane (C24)	15.089	2949766	20.487 ug/ml
15) T n-Hexacosane (C26)	16.108	2967540	20.430 ug/ml
16) T n-Octacosane (C28)	17.056	3014594	20.384 ug/ml
17) T n-Tricontane (C30)	17.942	3163832	20.267 ug/ml
18) T n-Dotriacontane (C32)	18.773	3101447	20.241 ug/ml
19) T n-Tetratriacontane (C34)	19.554	2650509	20.563 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2131001	20.584 ug/ml
21) T n-Octatriacontane (C38)	21.007	1887236	21.023 ug/ml
22) T n-Tetracontane (C40)	21.868	1606710	20.528 ug/ml

(f)=RT Delta > 1/2 Window

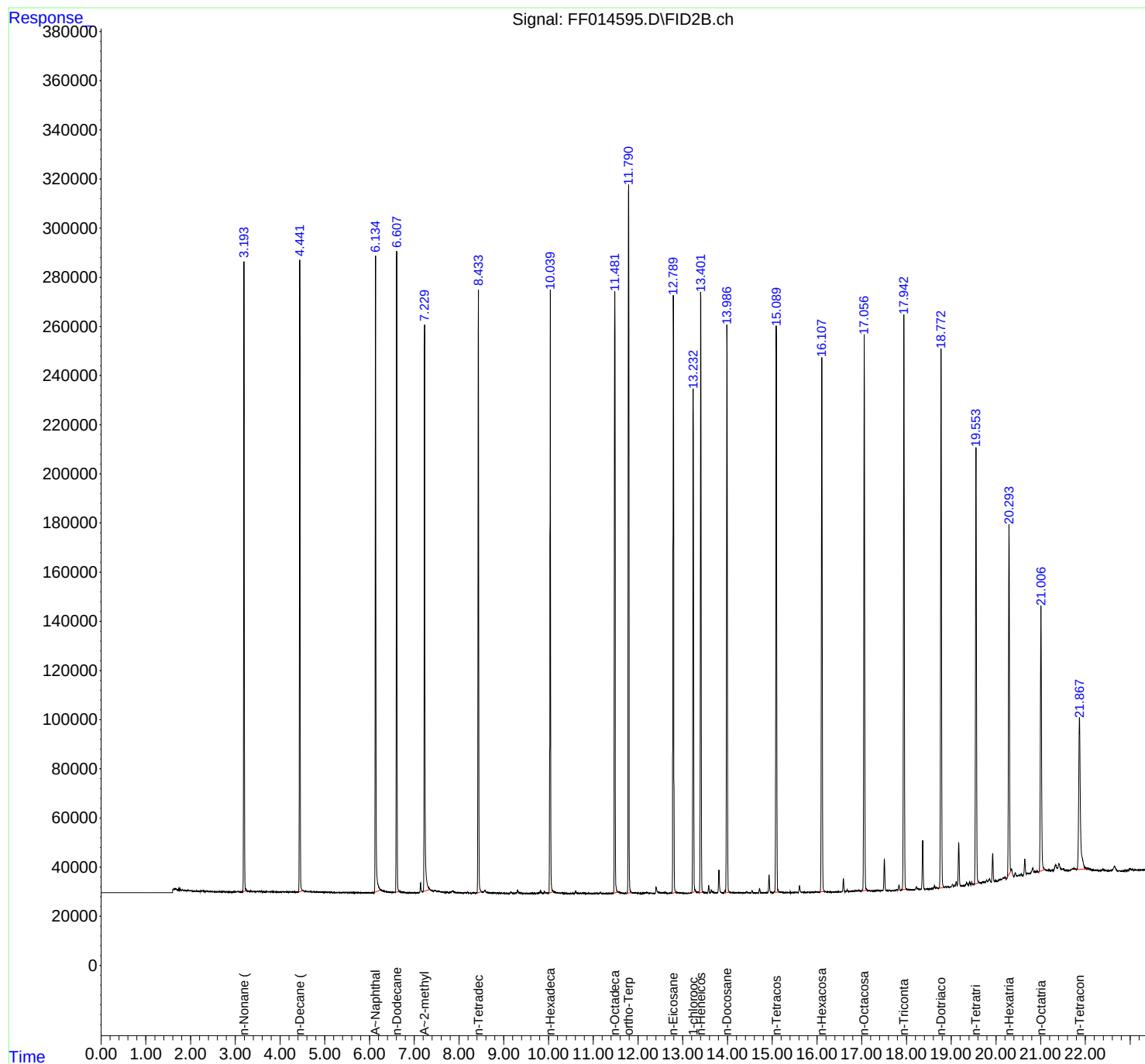
(m)=manual int.

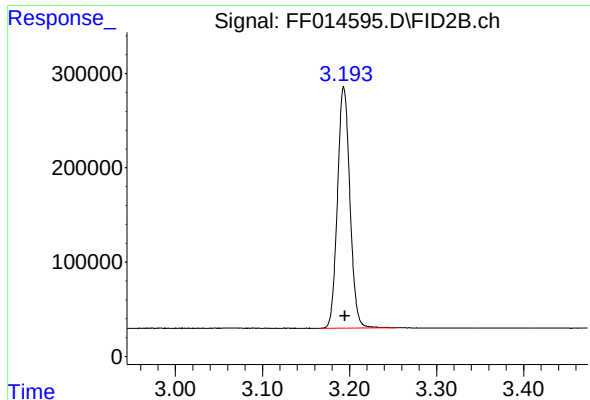
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#1 n-Nonane (C9)

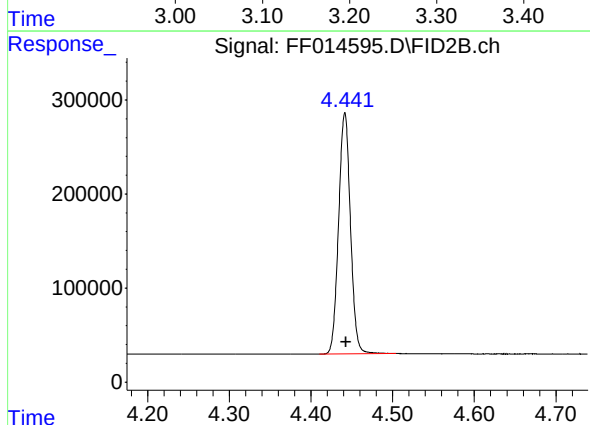
R.T.: 3.193 min
Delta R.T.: -0.002 min
Response: 2539958
Conc: 20.20 ug/ml

Instrument :

FID_F

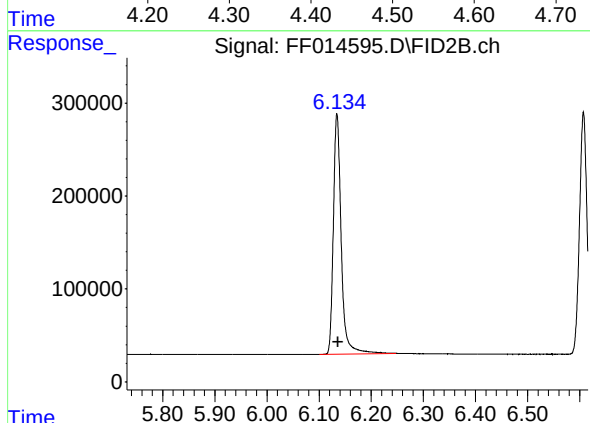
ClientSampleId :

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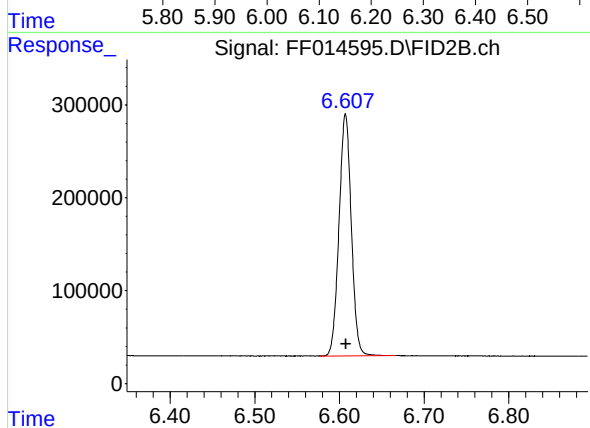
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 2585736
Conc: 20.30 ug/ml



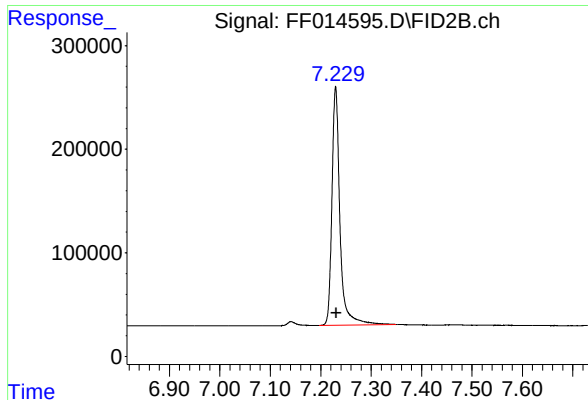
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 2711500
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 2624982
Conc: 20.34 ug/ml



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

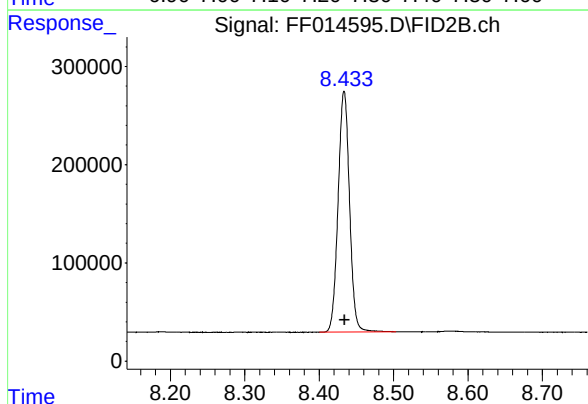
R.T.: 7.230 min
Delta R.T.: -0.001 min
Response: 2542615
Conc: 20.84 ug/ml

Instrument :

FID_F

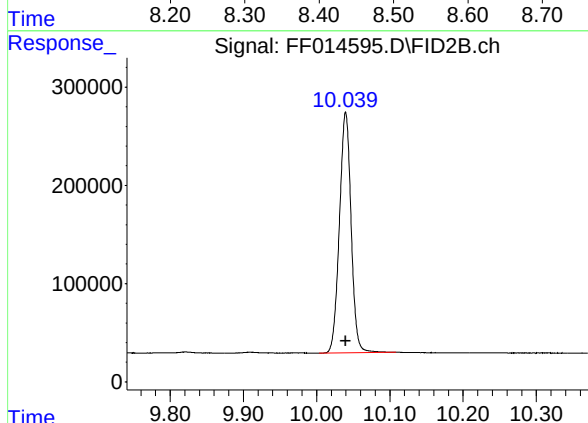
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



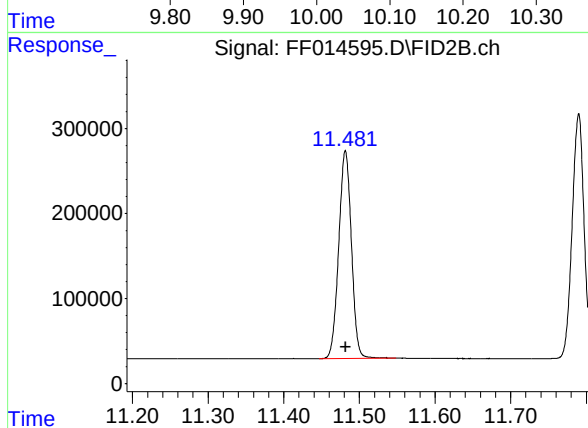
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 2616046
Conc: 20.37 ug/ml



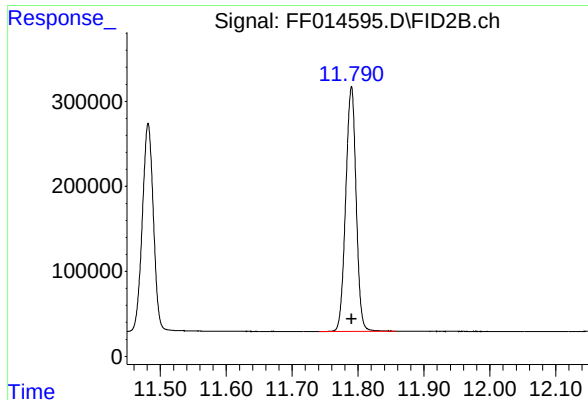
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 2713600
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.000 min
Response: 2846608
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

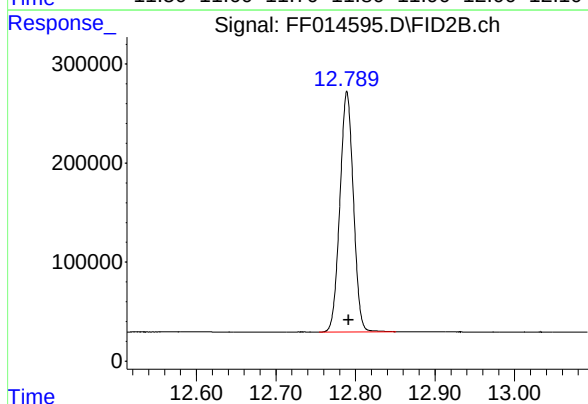
R.T.: 11.790 min
Delta R.T.: 0.000 min
Response: 3167886
Conc: 20.43 ug/ml

Instrument :

FID_F

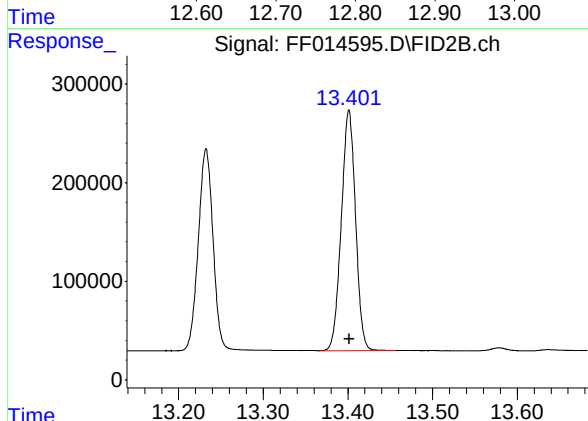
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



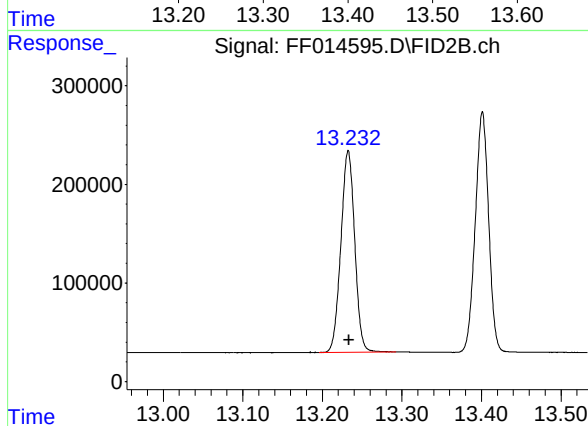
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 2858650
Conc: 20.56 ug/ml



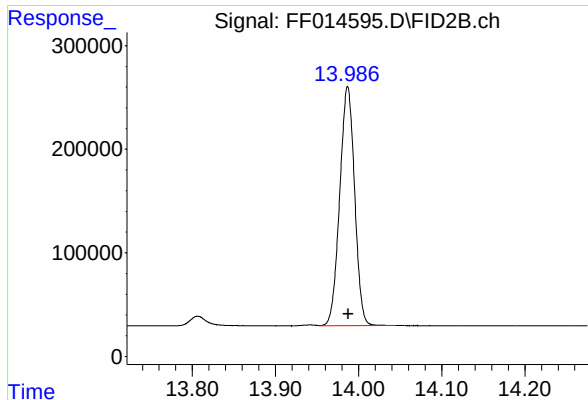
#11 n-Heneicosane (C21)

R.T.: 13.401 min
Delta R.T.: 0.000 min
Response: 2851670
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min
Delta R.T.: 0.000 min
Response: 2466443
Conc: 20.58 ug/ml



#13 n-Docosane (C22)

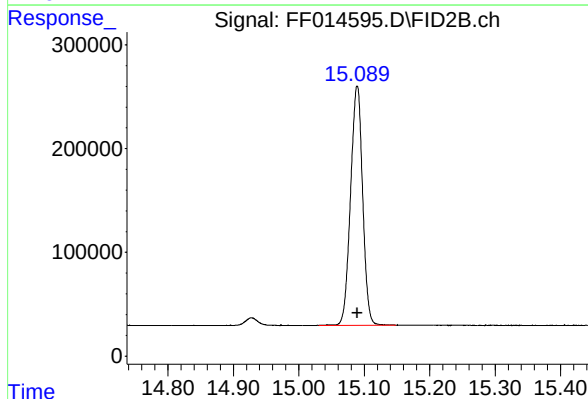
R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 2876353
Conc: 20.47 ug/ml

Instrument :

FID_F

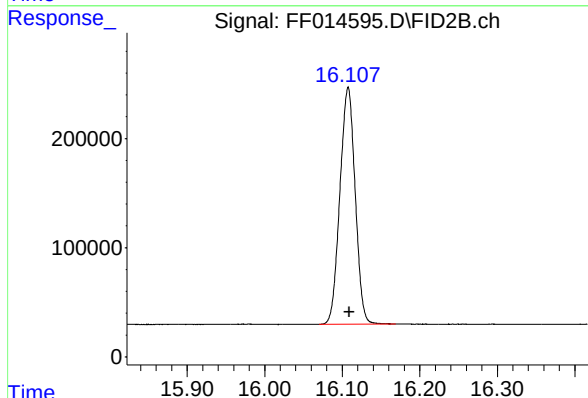
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



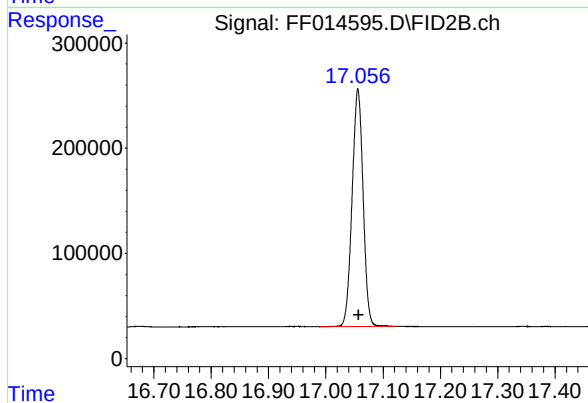
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 2949766
Conc: 20.49 ug/ml



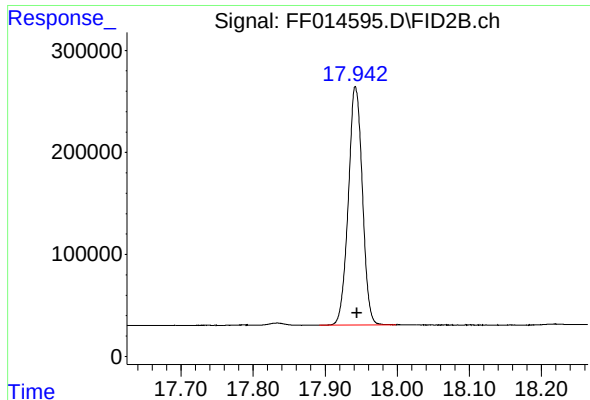
#15 n-Hexacosane (C26)

R.T.: 16.108 min
Delta R.T.: -0.001 min
Response: 2967540
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.056 min
Delta R.T.: -0.002 min
Response: 3014594
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

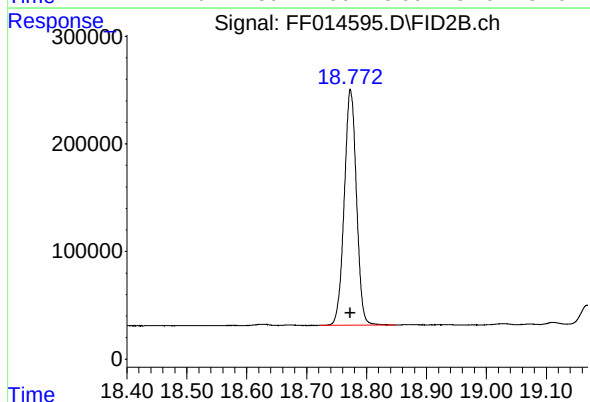
R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 3163832
Conc: 20.27 ug/ml

Instrument :

FID_F

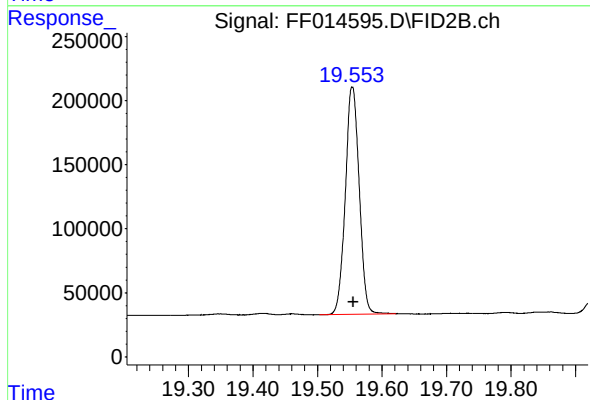
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



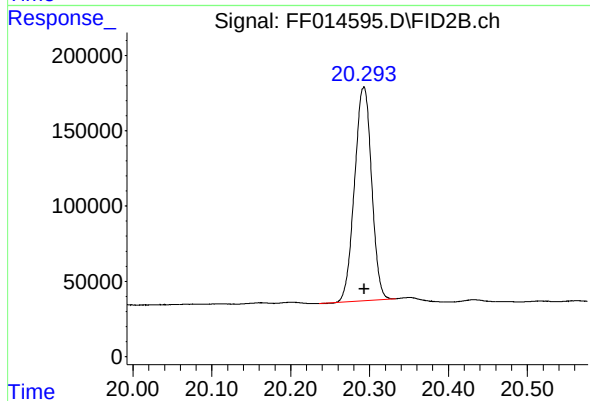
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 3101447
Conc: 20.24 ug/ml



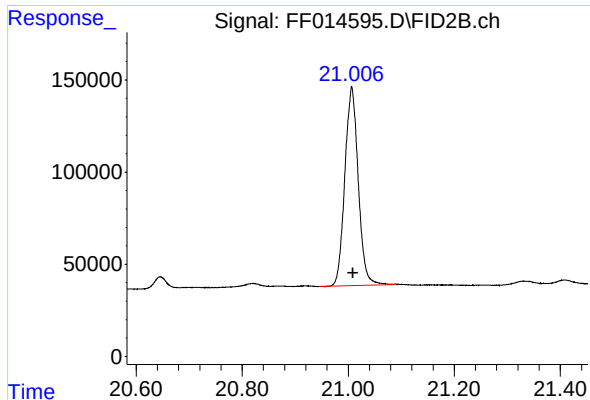
#19 n-Tetatriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.001 min
Response: 2650509
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2131001
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

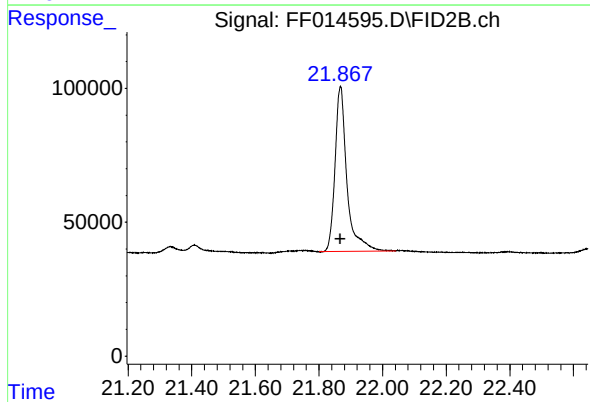
R.T.: 21.007 min
Delta R.T.: -0.002 min
Response: 1887236
Conc: 21.02 ug/ml

Instrument :

FID_F

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.002 min
Response: 1606710
Conc: 20.53 ug/ml