

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015228.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 12:54
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 14 14:41:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 14:38:51 2025
 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)	11.933	14803044	95.689 ug/ml
Spiked Amount 50.000		Recovery =	191.38%
12) S 1-chlorooctadecane (S...	13.367	11613955	95.363 ug/ml
Spiked Amount 50.000		Recovery =	190.73%
Target Compounds			
1) T n-Nonane (C9)	3.319	12288531	96.315 ug/ml
2) T n-Decane (C10)	4.572	12506840	96.250 ug/ml
3) T A~Naphthalene (C11.7)	6.273	13644886	96.164 ug/ml
4) T n-Dodecane (C12)	6.737	12637348	96.372 ug/ml
5) T A~2-methylnaphthalene...	7.368	13336102	96.434 ug/ml
6) T n-Tetradecane (C14)	8.562	12663593	96.307 ug/ml
7) T n-Hexadecane (C16)	10.169	13259167	95.880 ug/ml
8) T n-Octadecane (C18)	11.614	13610495	95.497 ug/ml
10) T n-Eicosane (C20)	12.922	13326803	95.090 ug/ml
11) T n-Heneicosane (C21)	13.535	13212876	95.134 ug/ml
13) T n-Docosane (C22)	14.121	13242501	95.056 ug/ml
14) T n-Tetracosane (C24)	15.224	13307039	94.533 ug/ml
15) T n-Hexacosane (C26)	16.247	13028327	94.652 ug/ml
16) T n-Octacosane (C28)	17.197	12584327	94.076 ug/ml
17) T n-Tricontane (C30)	18.085	12325032	93.184 ug/ml
18) T n-Dotriacontane (C32)	18.918	11414286	93.082 ug/ml
19) T n-Tetratriacontane (C34)	19.700	9634494	93.489 ug/ml
20) T n-Hexatriacontane (C36)	20.440	8013382	94.257 ug/ml
21) T n-Octatriacontane (C38)	21.177	7610463	95.312 ug/ml
22) T n-Tetracontane (C40)	22.091	7524895	96.698 ug/ml

(f)=RT Delta > 1/2 Window

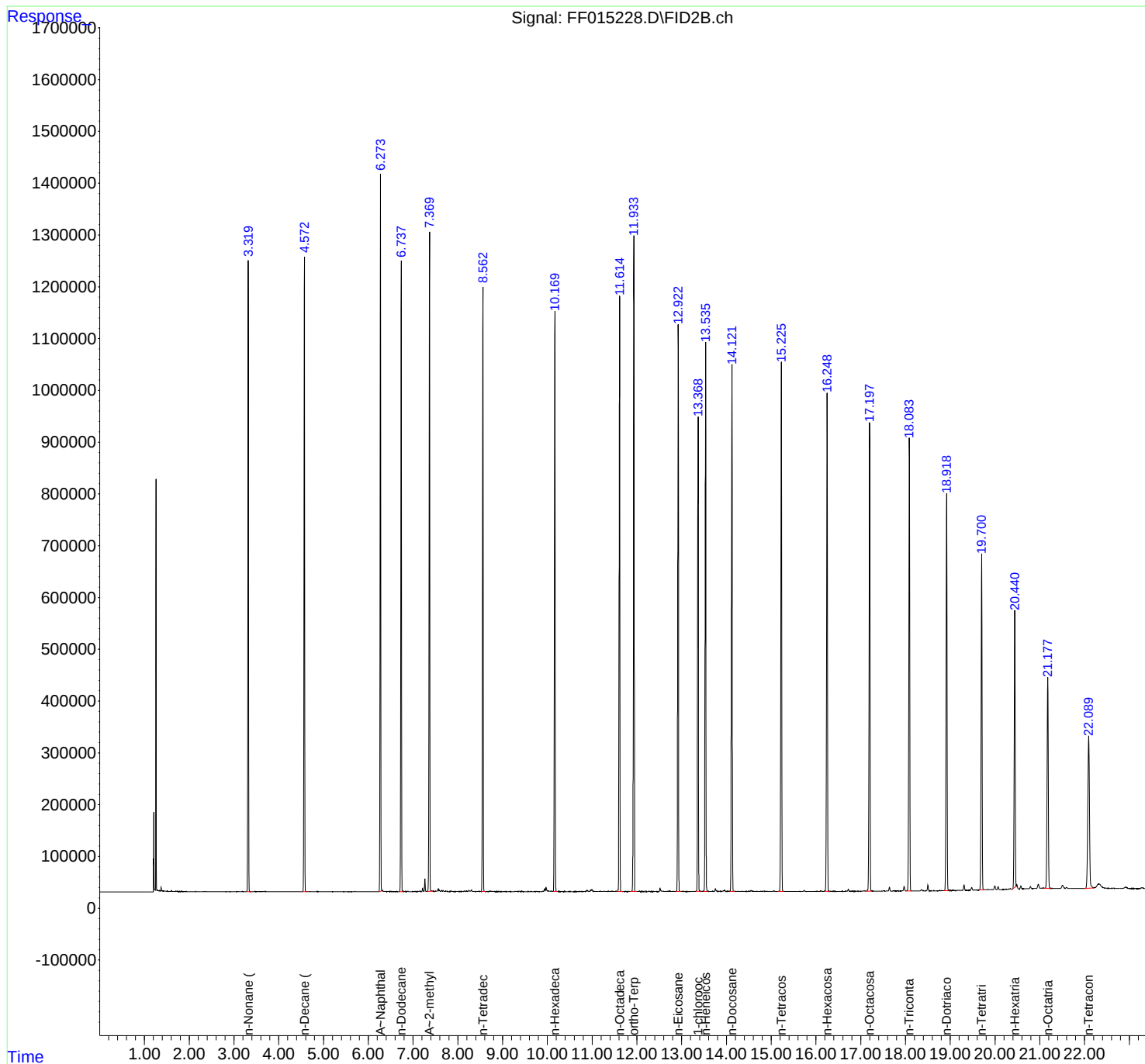
(m)=manual int.

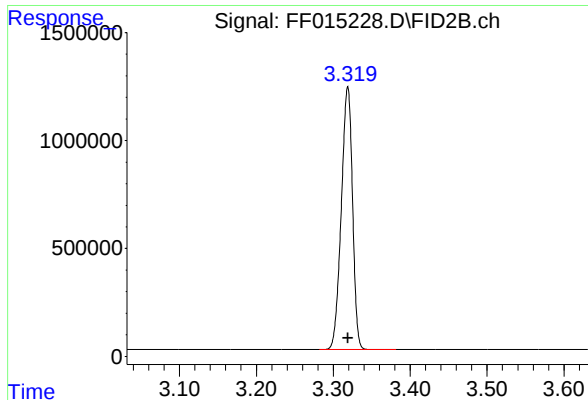
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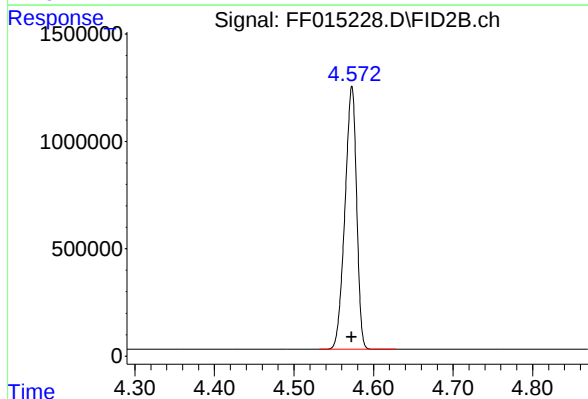




#1 n-Nonane (C9)

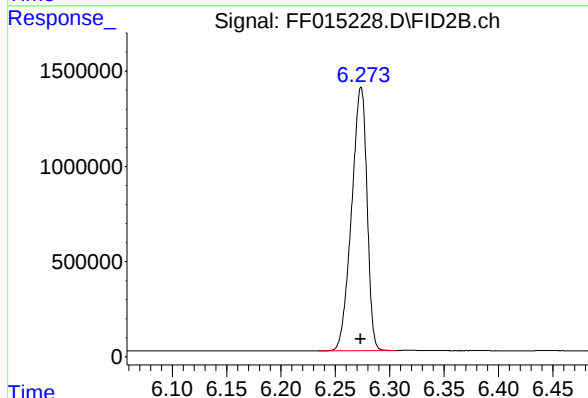
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 12288531
Conc: 96.31 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



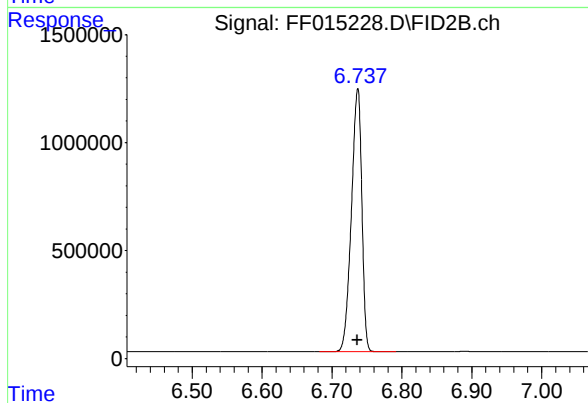
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 12506840
Conc: 96.25 ug/ml



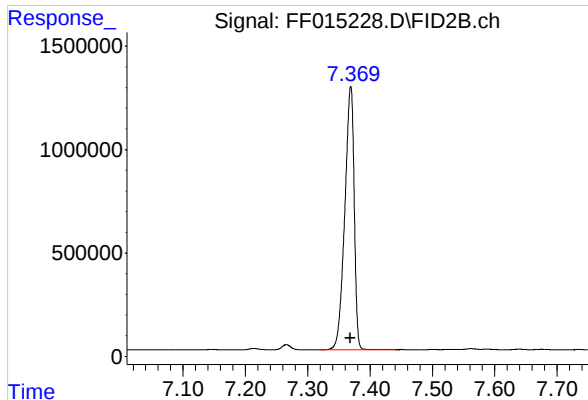
#3 n-Undecane (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 13644886
Conc: 96.16 ug/ml



#4 n-Dodecane (C12)

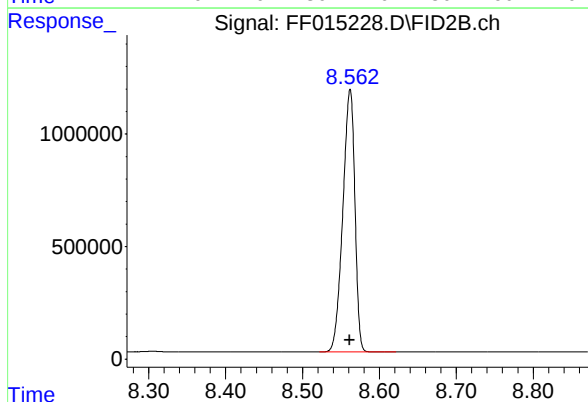
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 12637348
Conc: 96.37 ug/ml



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

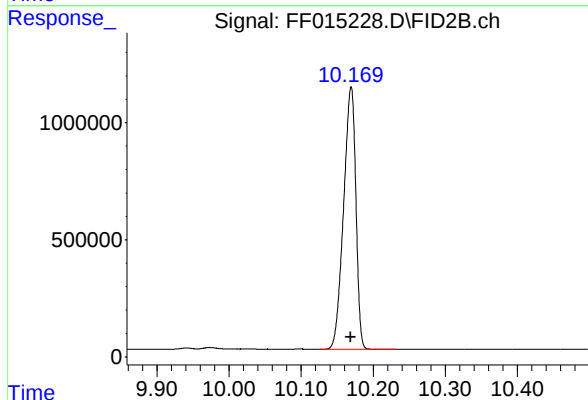
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 13336102
Conc: 96.43 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



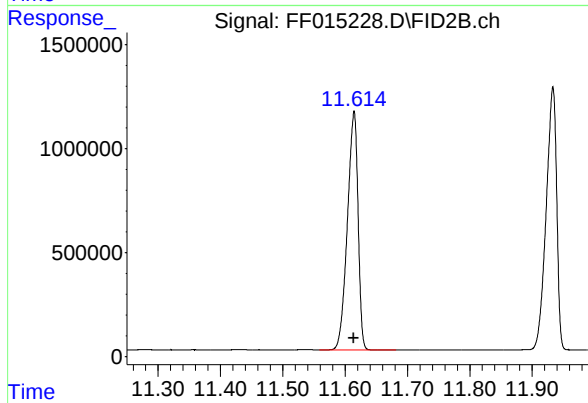
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 12663593
Conc: 96.31 ug/ml



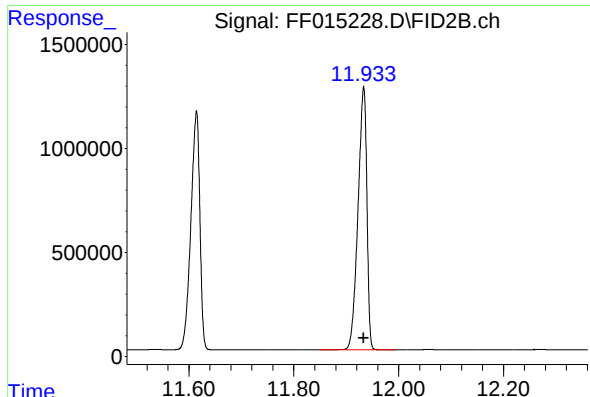
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 13259167
Conc: 95.88 ug/ml



#8 n-Octadecane (C18)

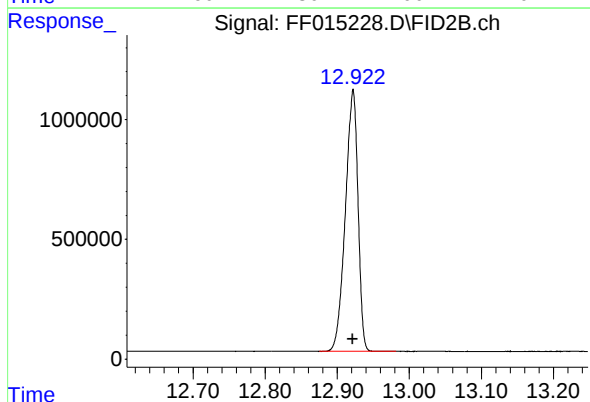
R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 13610495
Conc: 95.50 ug/ml



#9 ortho-Terphenyl (SURR)

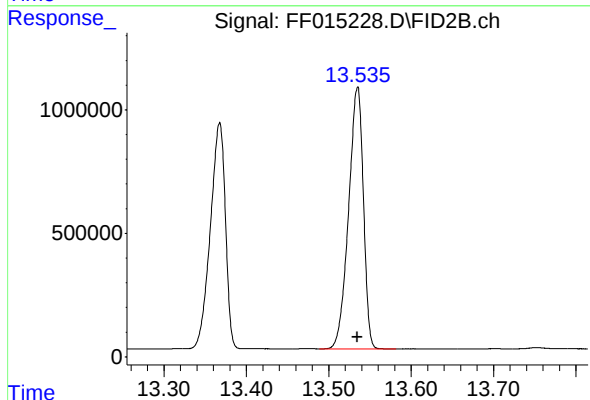
R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 14803044
Conc: 95.69 ug/ml

Instrument :
FID_F
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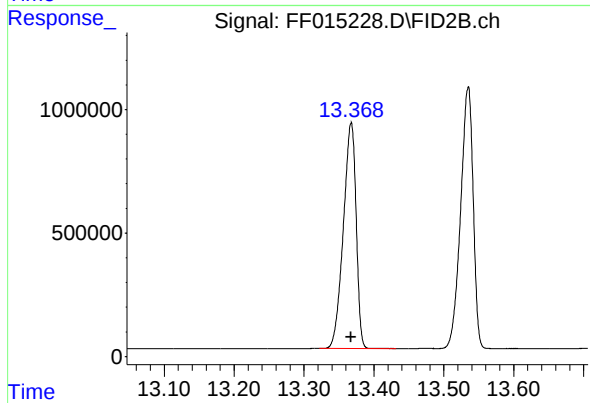
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 13326803
Conc: 95.09 ug/ml



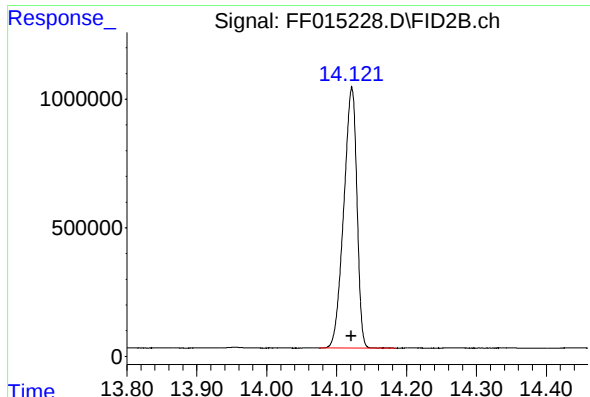
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 13212876
Conc: 95.13 ug/ml



#12 1-chlorooctadecane (SURR)

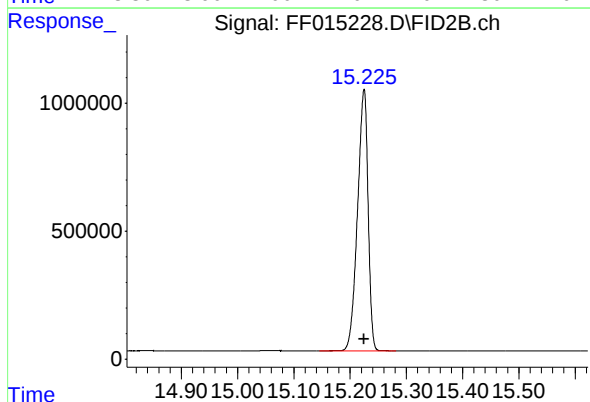
R.T.: 13.367 min
Delta R.T.: 0.000 min
Response: 11613955
Conc: 95.36 ug/ml



#13 n-Docosane (C22)

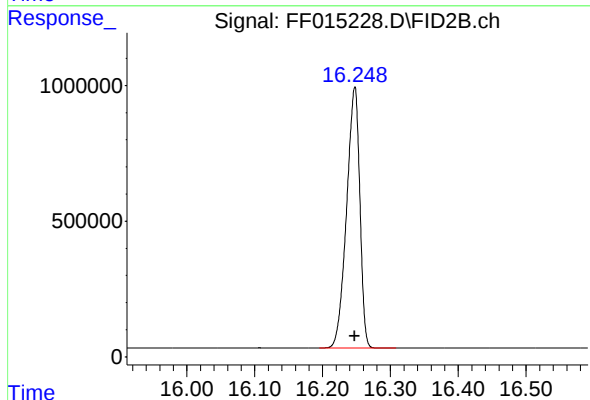
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 13242501
Conc: 95.06 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



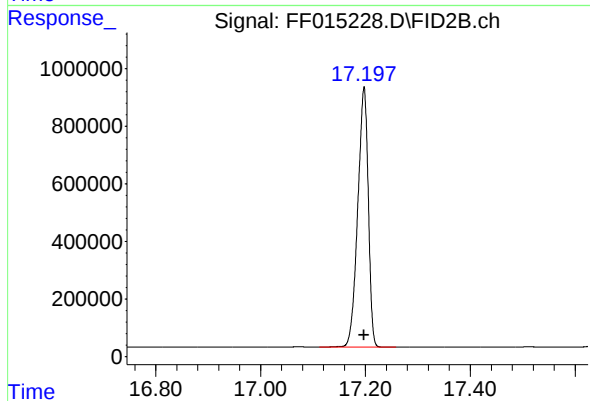
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.000 min
Response: 13307039
Conc: 94.53 ug/ml



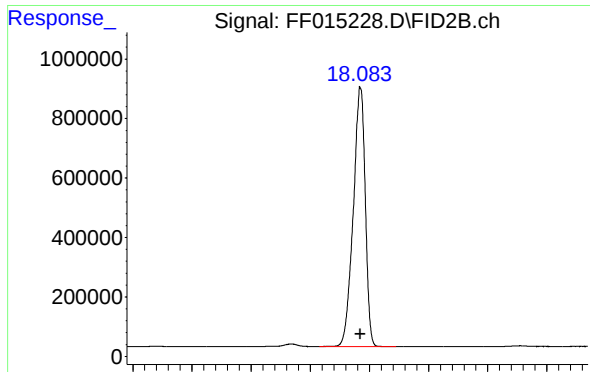
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 13028327
Conc: 94.65 ug/ml



#16 n-Octacosane (C28)

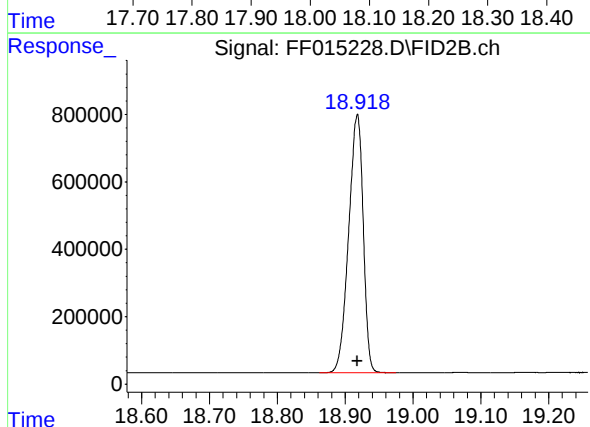
R.T.: 17.197 min
Delta R.T.: 0.000 min
Response: 12584327
Conc: 94.08 ug/ml



#17 n-Tricontane (C30)

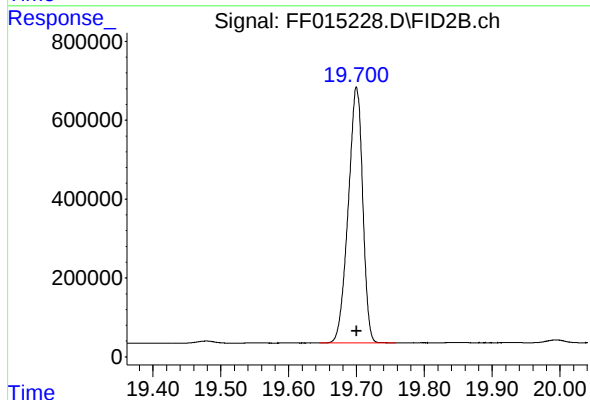
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 12325032
Conc: 93.18 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



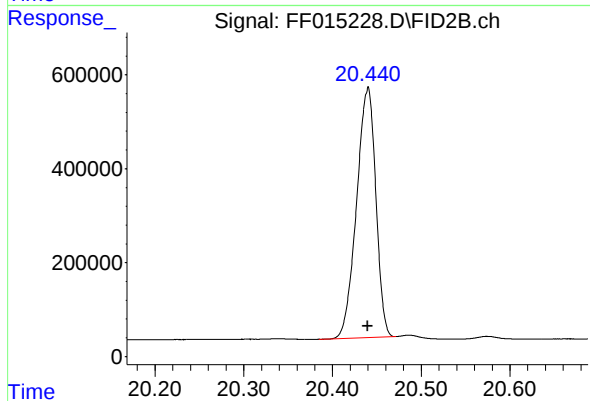
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 11414286
Conc: 93.08 ug/ml



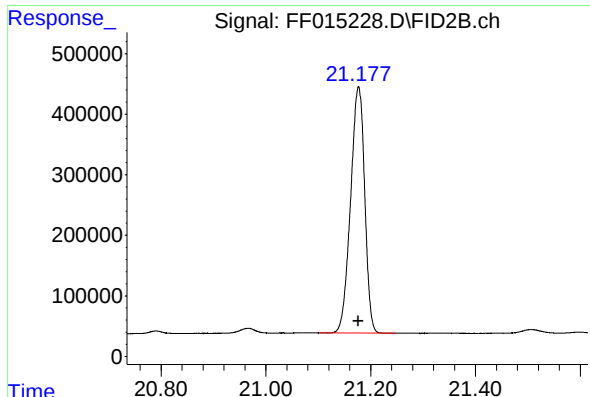
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 9634494
Conc: 93.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.000 min
Response: 8013382
Conc: 94.26 ug/ml



#21 n-Octatriacontane (C38)

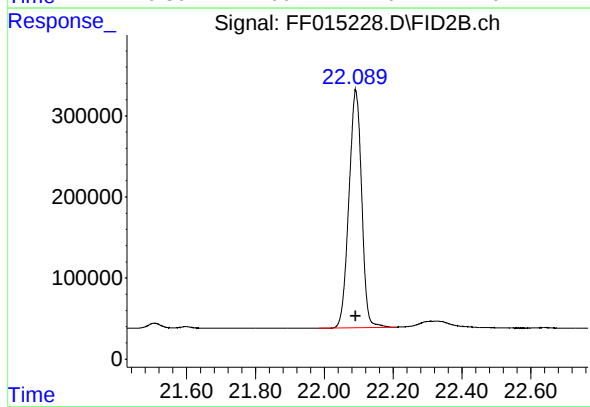
R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 7610463
Conc: 95.31 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: 0.000 min
Response: 7524895
Conc: 96.70 ug/ml