

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100824AL\
 Data File : FE050535.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2024 14:06
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 07 15:50:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 15:49:51 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)	11.874	14935989	97.121 ug/ml
Spiked Amount 50.000		Recovery =	194.24%
12) S 1-chlorooctadecane (S...	13.307	11405346	97.767 ug/ml
Spiked Amount 50.000		Recovery =	195.53%
Target Compounds			
1) T n-Nonane (C9)	3.256	13375492	97.682 ug/ml
2) T n-Decane (C10)	4.508	13622130	97.695 ug/ml
3) T A~Naphthalene (C11.7)	6.217	14355926	100.128 ug/ml
4) T n-Dodecane (C12)	6.676	13748169	97.991 ug/ml
5) T A~2-methylnaphthalene...	7.315	13570374	100.663 ug/ml
6) T n-Tetradecane (C14)	8.504	13662645	97.909 ug/ml
7) T n-Hexadecane (C16)	10.111	14073092	97.764 ug/ml
8) T n-Octadecane (C18)	11.554	14160630	97.396 ug/ml
10) T n-Eicosane (C20)	12.861	13543211	97.115 ug/ml
11) T n-Heneicosane (C21)	13.472	13270780	97.090 ug/ml
13) T n-Docosane (C22)	14.058	13205478	96.773 ug/ml
14) T n-Tetracosane (C24)	15.160	13226380	96.742 ug/ml
15) T n-Hexacosane (C26)	16.179	13147754	96.576 ug/ml
16) T n-Octacosane (C28)	17.129	13198270	95.311 ug/ml
17) T n-Tricontane (C30)	18.016	13716170	92.688 ug/ml
18) T n-Dotriacontane (C32)	18.847	13640074	91.715 ug/ml
19) T n-Tetratriacontane (C34)	19.629	12565721	92.262 ug/ml
20) T n-Hexatriacontane (C36)	20.368	11275380	94.013 ug/ml
21) T n-Octatriacontane (C38)	21.094	10872225	93.405 ug/ml
22) T n-Tetracontane (C40)	21.983	10163259	92.882 ug/ml

(f)=RT Delta > 1/2 Window

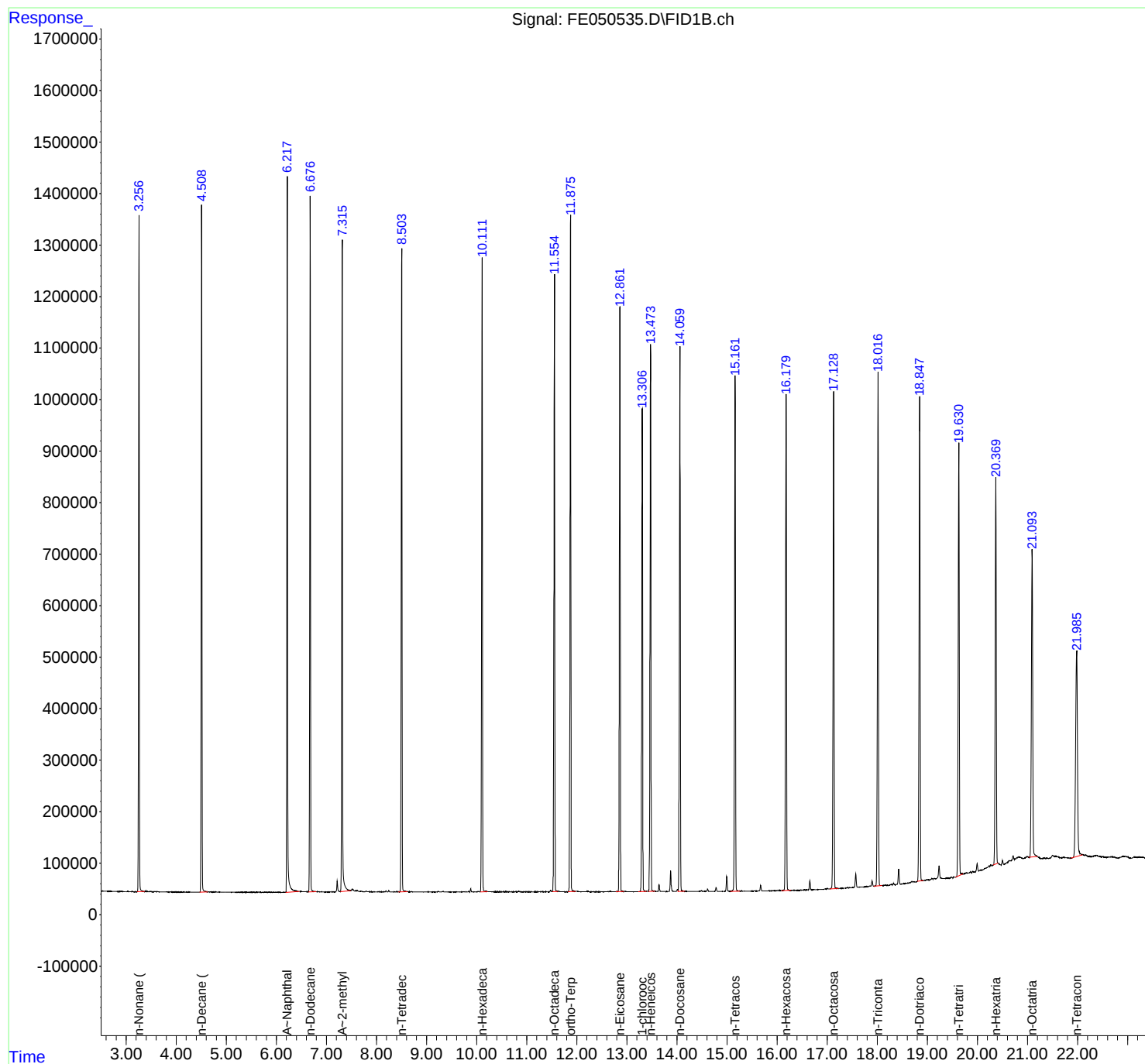
(m)=manual int.

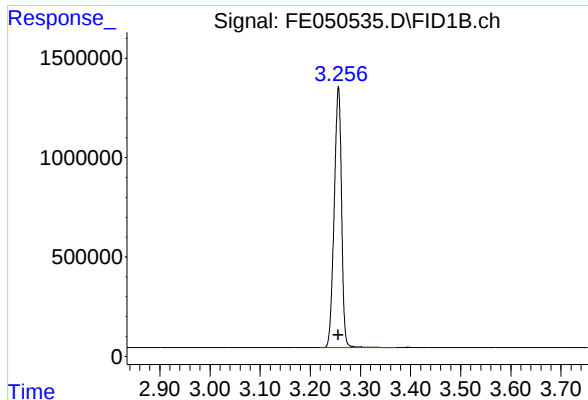
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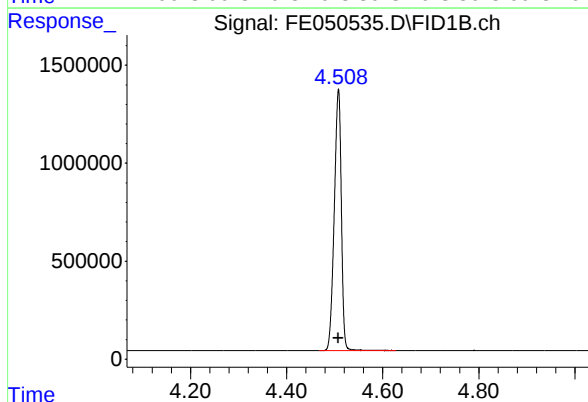




#1 n-Nonane (C9)

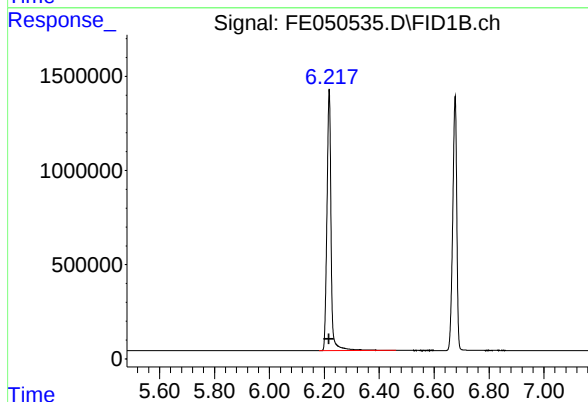
R.T.: 3.256 min
Delta R.T.: 0.000 min
Response: 13375492
Conc: 97.68 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



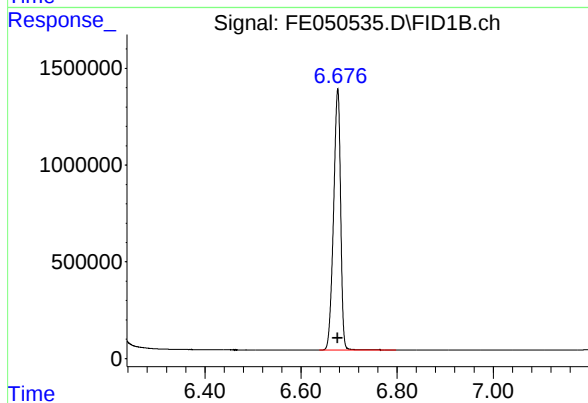
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 13622130
Conc: 97.70 ug/ml



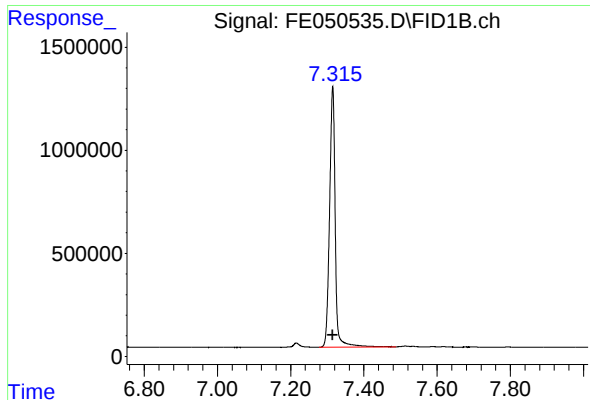
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 14355926
Conc: 100.13 ug/ml



#4 n-Dodecane (C12)

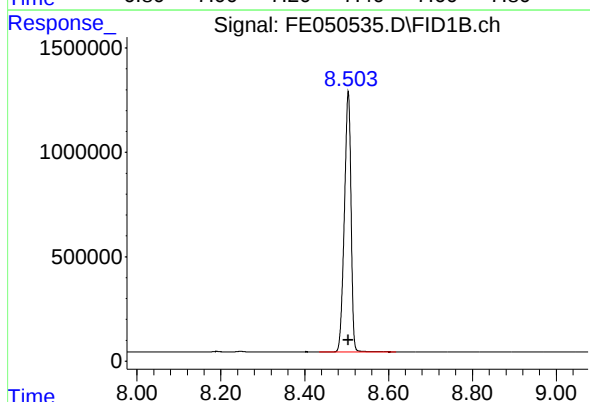
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 13748169
Conc: 97.99 ug/ml



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

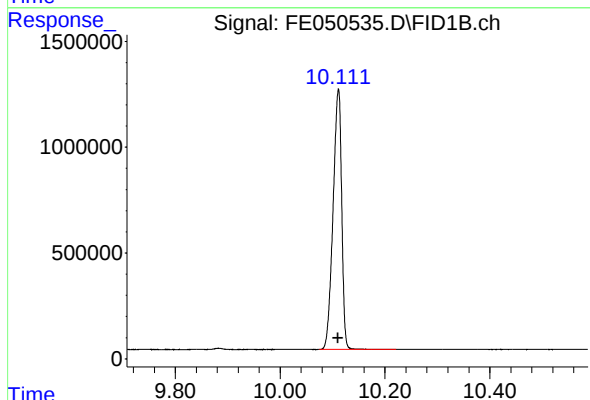
R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 13570374
Conc: 100.66 ug/ml

Instrument :
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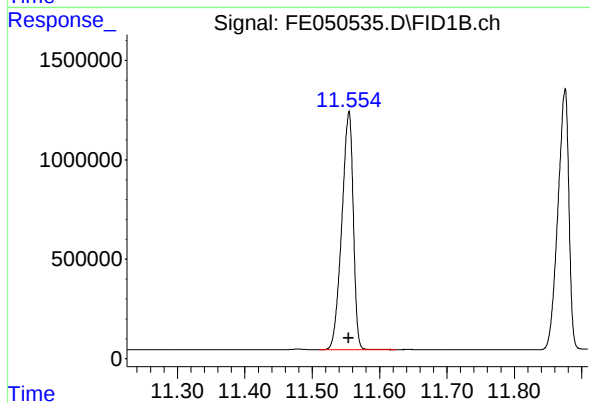
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 13662645
Conc: 97.91 ug/ml



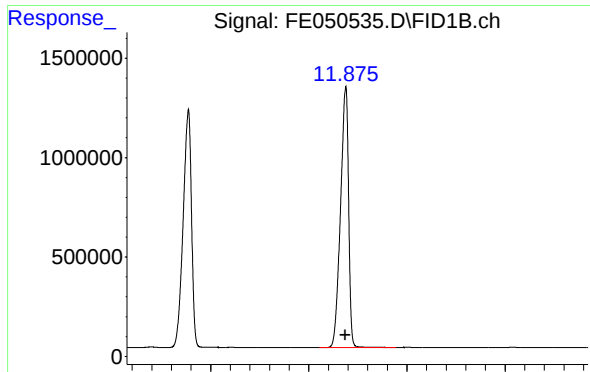
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: 0.000 min
Response: 14073092
Conc: 97.76 ug/ml



#8 n-Octadecane (C18)

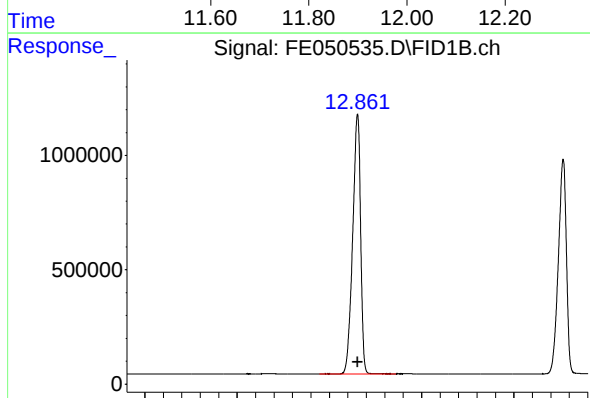
R.T.: 11.554 min
Delta R.T.: 0.000 min
Response: 14160630
Conc: 97.40 ug/ml



#9 ortho-Terphenyl (SURR)

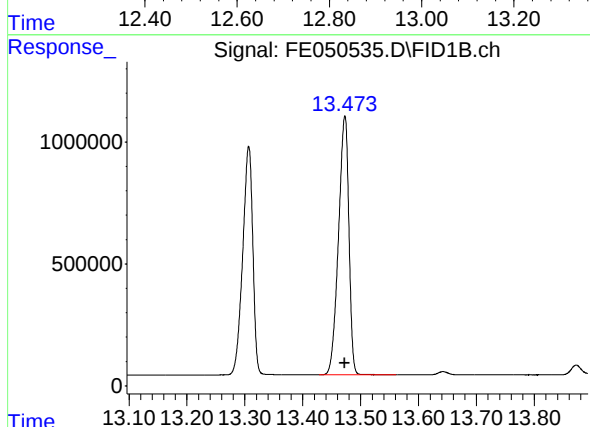
R.T.: 11.874 min
Delta R.T.: 0.000 min
Response: 14935989
Conc: 97.12 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



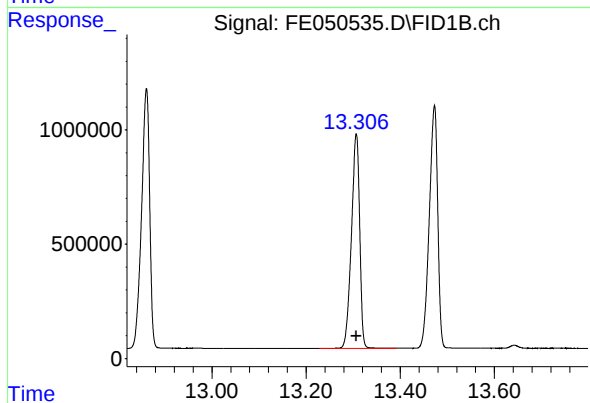
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: 0.000 min
Response: 13543211
Conc: 97.12 ug/ml



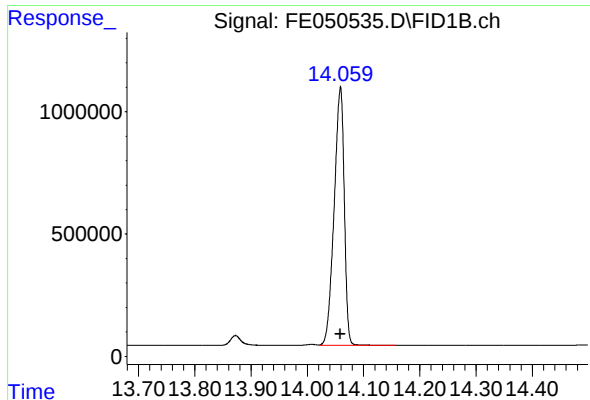
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 13270780
Conc: 97.09 ug/ml



#12 1-chlorooctadecane (SURR)

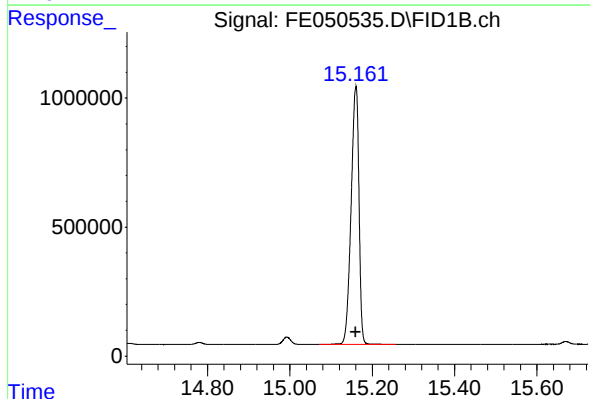
R.T.: 13.307 min
Delta R.T.: 0.000 min
Response: 11405346
Conc: 97.77 ug/ml



#13 n-Docosane (C22)

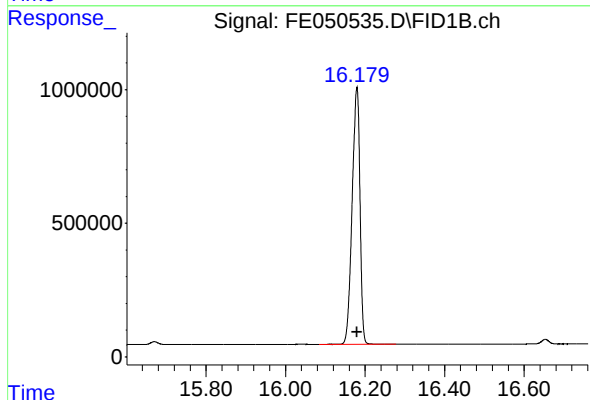
R.T.: 14.058 min
Delta R.T.: 0.000 min
Response: 13205478
Conc: 96.77 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



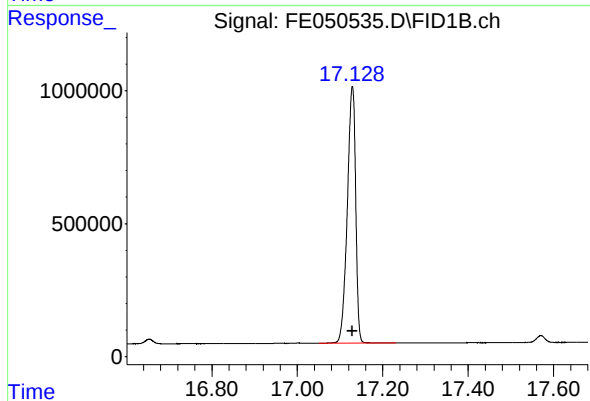
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: 0.000 min
Response: 13226380
Conc: 96.74 ug/ml



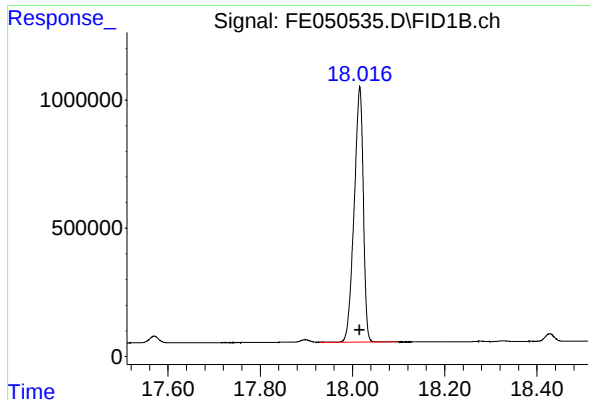
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 13147754
Conc: 96.58 ug/ml



#16 n-Octacosane (C28)

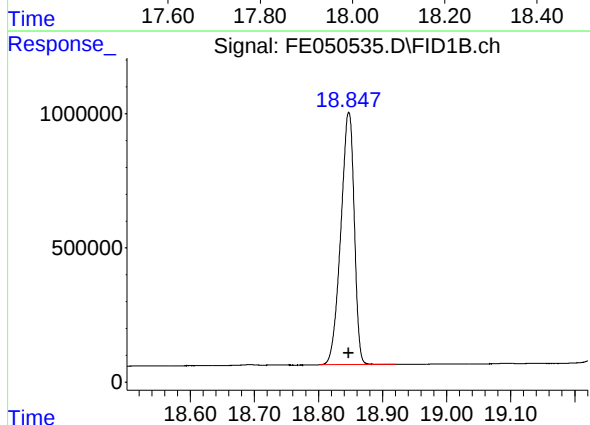
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 13198270
Conc: 95.31 ug/ml



#17 n-Tricontane (C30)

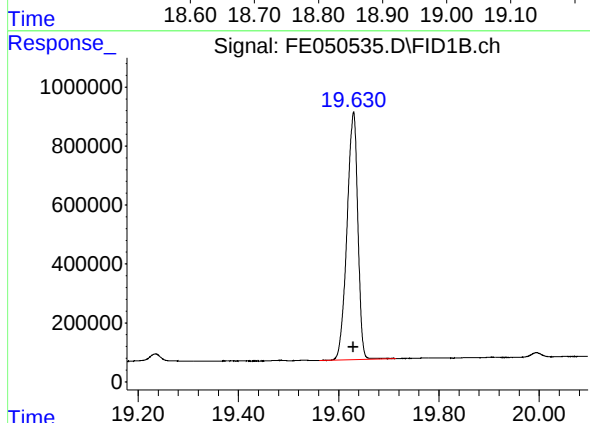
R.T.: 18.016 min
Delta R.T.: 0.000 min
Response: 13716170
Conc: 92.69 ug/ml

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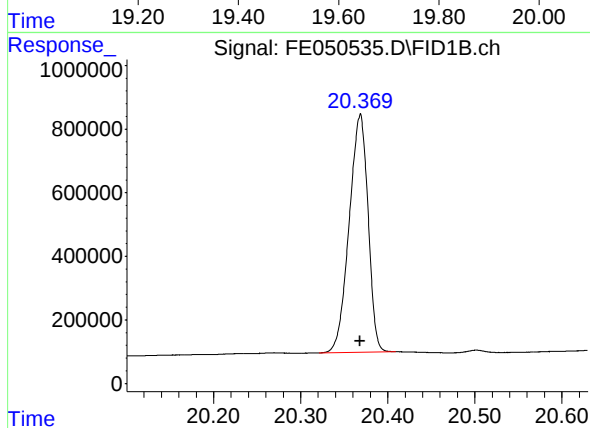
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: 0.000 min
Response: 13640074
Conc: 91.72 ug/ml



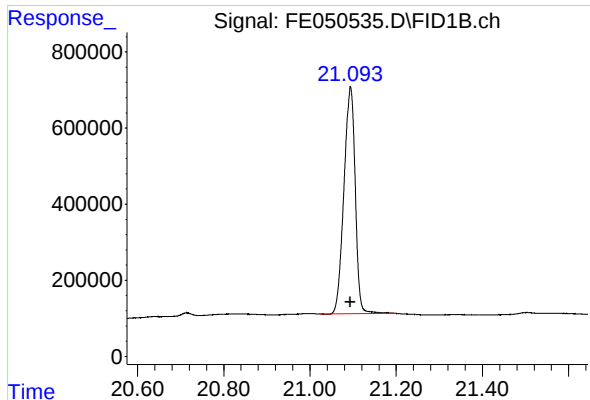
#19 n-Tetatriacontane (C34)

R.T.: 19.629 min
Delta R.T.: 0.000 min
Response: 12565721
Conc: 92.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: 0.000 min
Response: 11275380
Conc: 94.01 ug/ml



#21 n-Octatriacontane (C38)

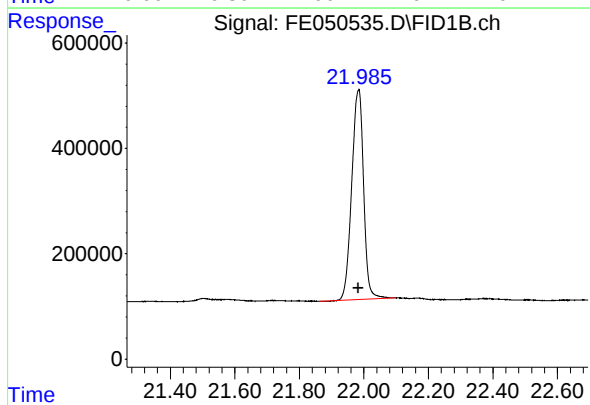
R.T.: 21.094 min
Delta R.T.: 0.000 min
Response: 10872225
Conc: 93.40 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.000 min
Response: 10163259
Conc: 92.88 ug/ml