

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052524AL\
 Data File : FE048388.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 14:00
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 24 15:28:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 15:26:37 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)	11.964	13303340	96.122 ug/ml
Spiked Amount 50.000		Recovery =	192.24%
12) S 1-chlorooctadecane (S...	13.396	10292757	96.952 ug/ml
Spiked Amount 50.000		Recovery =	193.90%
Target Compounds			
1) T n-Nonane (C9)	3.345	13931318	96.650 ug/ml
2) T n-Decane (C10)	4.595	14098838	96.686 ug/ml
3) T A~Naphthalene (C11.7)	6.302	14233310	97.476 ug/ml
4) T n-Dodecane (C12)	6.761	13810727	96.455 ug/ml
5) T A~2-methylnaphthalene...	7.399	13366676	97.763 ug/ml
6) T n-Tetradecane (C14)	8.589	13179514	96.140 ug/ml
7) T n-Hexadecane (C16)	10.198	13127105	96.194 ug/ml
8) T n-Octadecane (C18)	11.643	12947920	96.311 ug/ml
10) T n-Eicosane (C20)	12.951	12301426	96.302 ug/ml
11) T n-Heneicosane (C21)	13.562	12077173	96.453 ug/ml
13) T n-Docosane (C22)	14.148	12030627	96.587 ug/ml
14) T n-Tetracosane (C24)	15.249	12090765	96.496 ug/ml
15) T n-Hexacosane (C26)	16.270	12097610	96.477 ug/ml
16) T n-Octacosane (C28)	17.219	12059597	96.440 ug/ml
17) T n-Tricontane (C30)	18.106	12440527	96.161 ug/ml
18) T n-Dotriacontane (C32)	18.938	12547868	96.038 ug/ml
19) T n-Tetratriacontane (C34)	19.721	12680165	96.106 ug/ml
20) T n-Hexatriacontane (C36)	20.462	12718324	96.627 ug/ml
21) T n-Octatriacontane (C38)	21.201	12734677	96.100 ug/ml
22) T n-Tetracontane (C40)	22.126	12531261	95.209 ug/ml

(f)=RT Delta > 1/2 Window

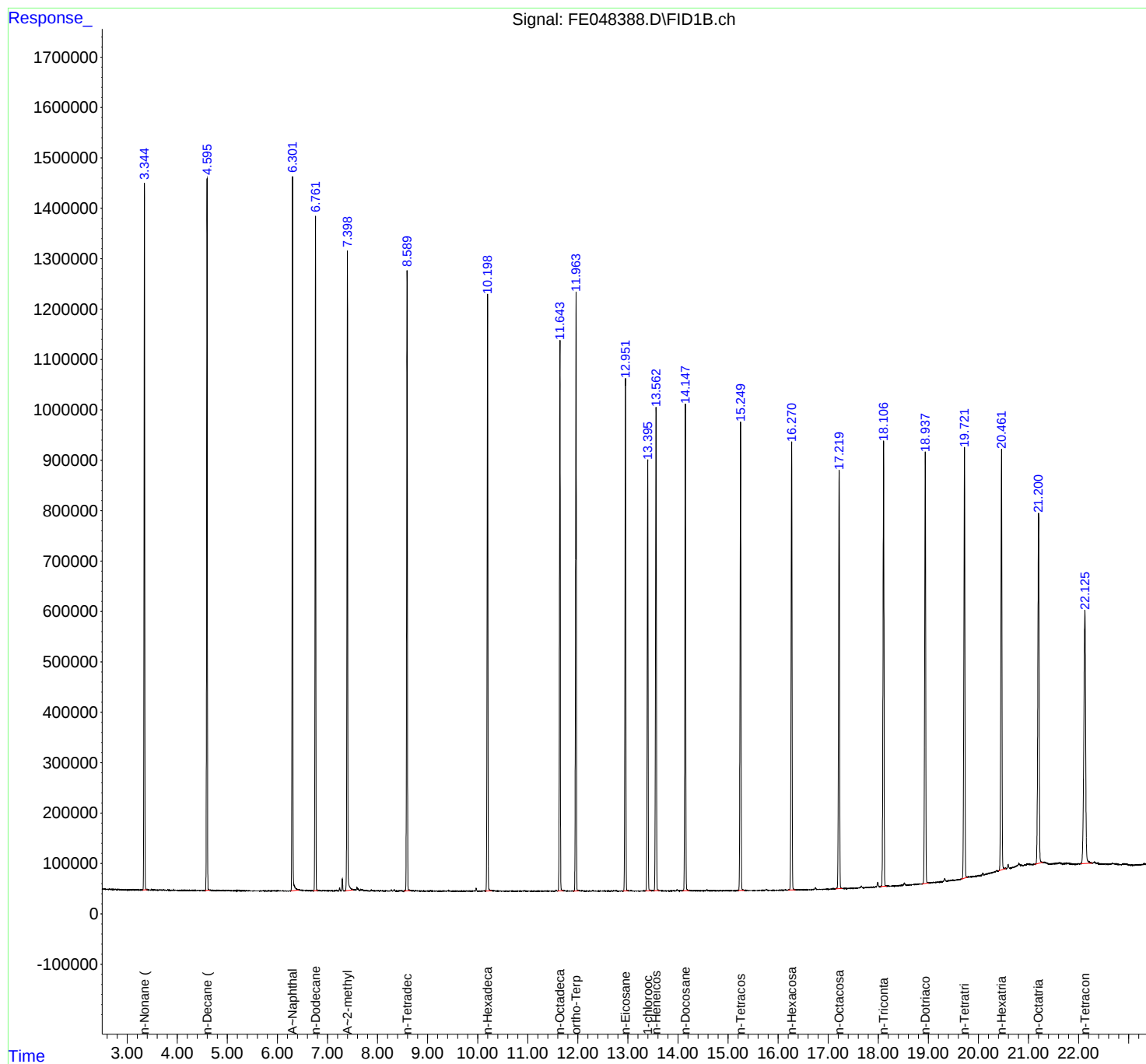
(m)=manual int.

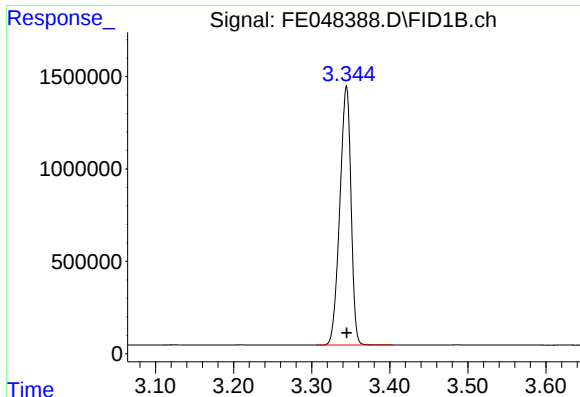
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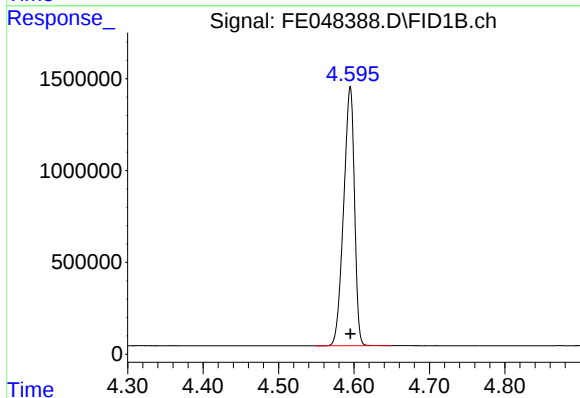




#1 n-Nonane (C9)

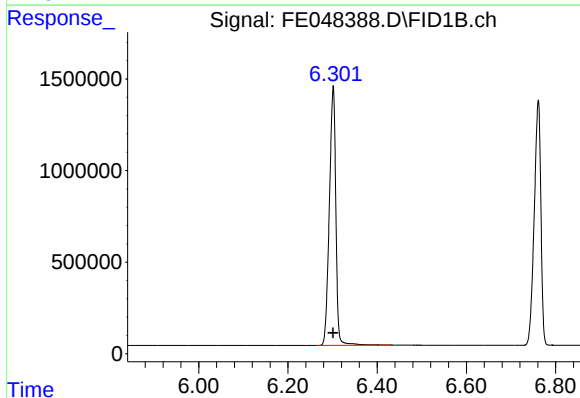
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 13931318
Conc: 96.65 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



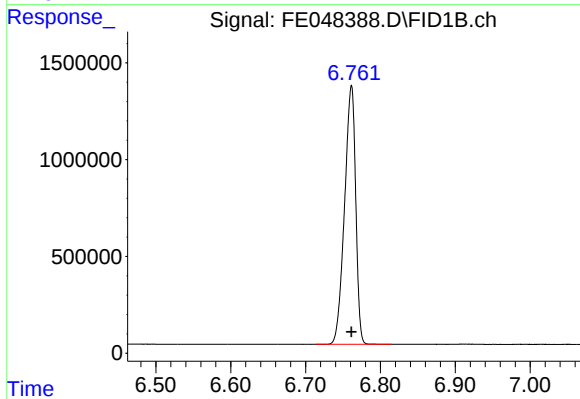
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 14098838
Conc: 96.69 ug/ml



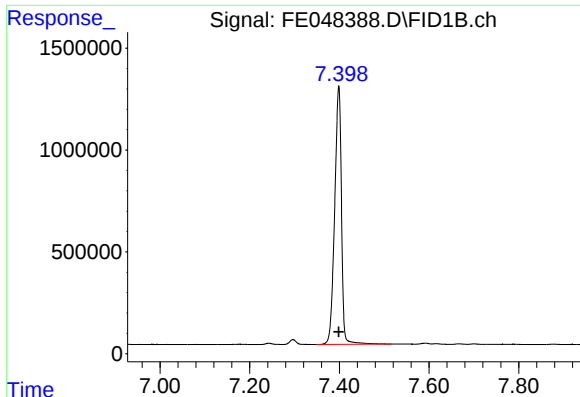
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 14233310
Conc: 97.48 ug/ml



#4 n-Dodecane (C12)

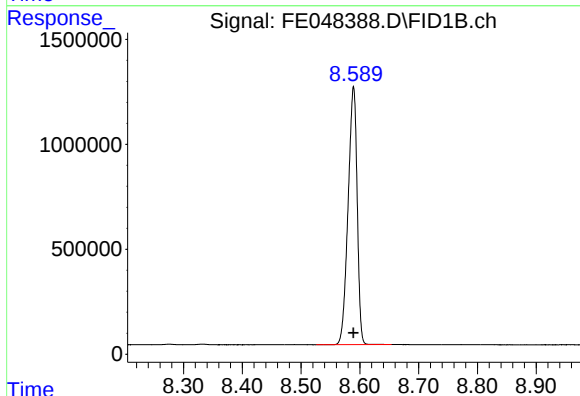
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 13810727
Conc: 96.46 ug/ml



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

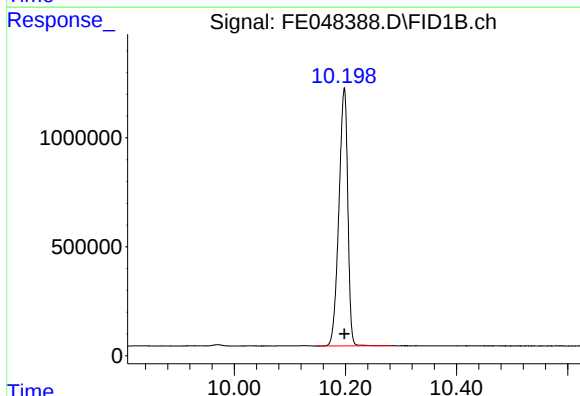
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 13366676
Conc: 97.76 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



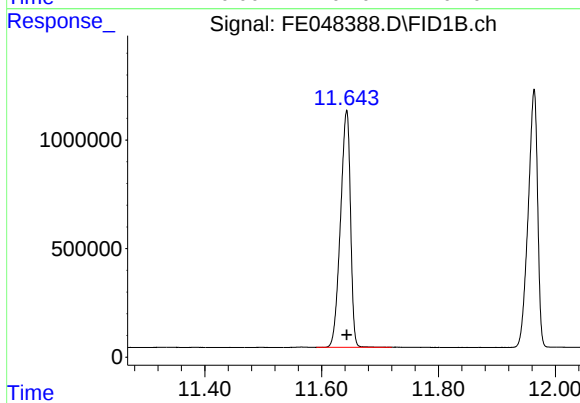
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 13179514
Conc: 96.14 ug/ml



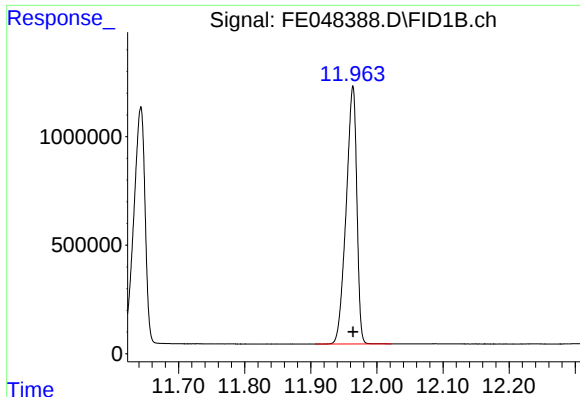
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 13127105
Conc: 96.19 ug/ml



#8 n-Octadecane (C18)

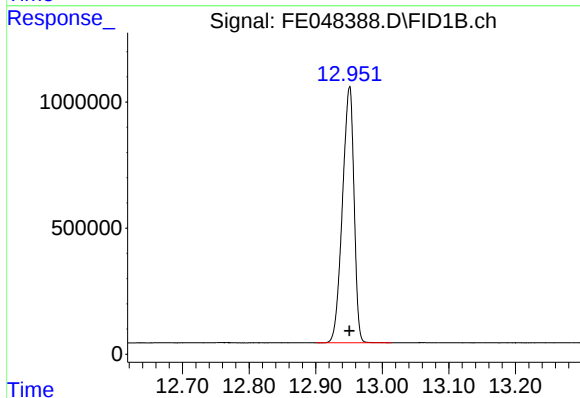
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 12947920
Conc: 96.31 ug/ml



#9 ortho-Terphenyl (SURR)

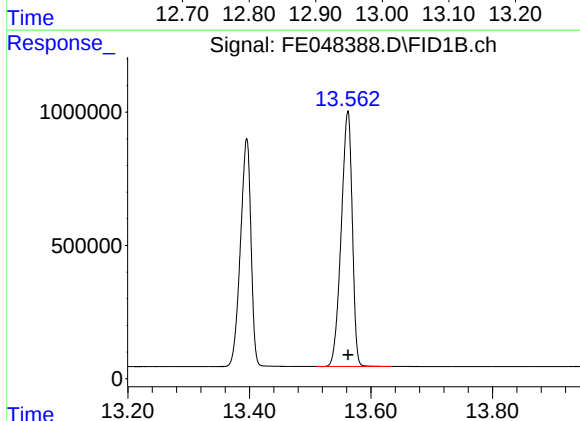
R.T.: 11.964 min
Delta R.T.: 0.000 min
Response: 13303340
Conc: 96.12 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



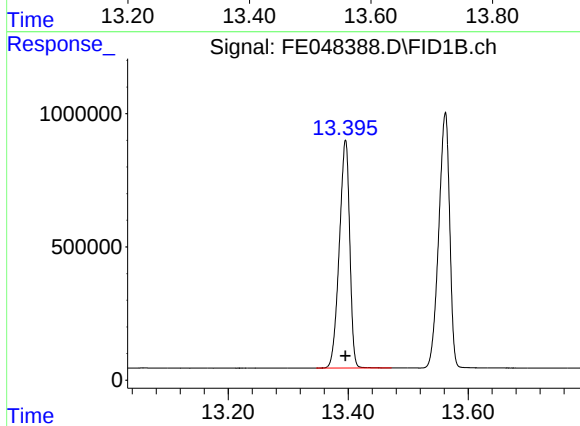
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: 0.000 min
Response: 12301426
Conc: 96.30 ug/ml



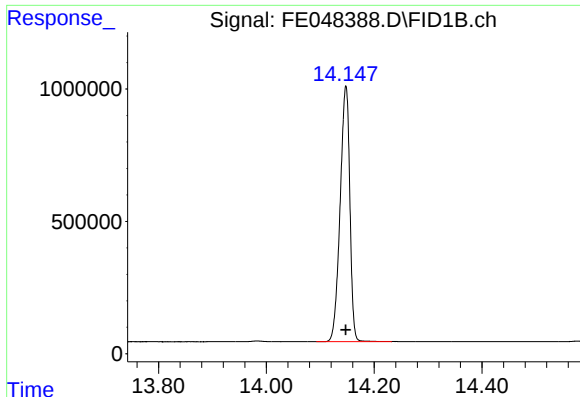
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: 0.000 min
Response: 12077173
Conc: 96.45 ug/ml



#12 1-chlorooctadecane (SURR)

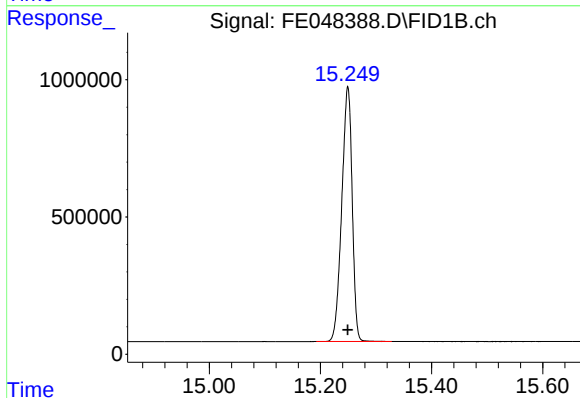
R.T.: 13.396 min
Delta R.T.: 0.000 min
Response: 10292757
Conc: 96.95 ug/ml



#13 n-Docosane (C22)

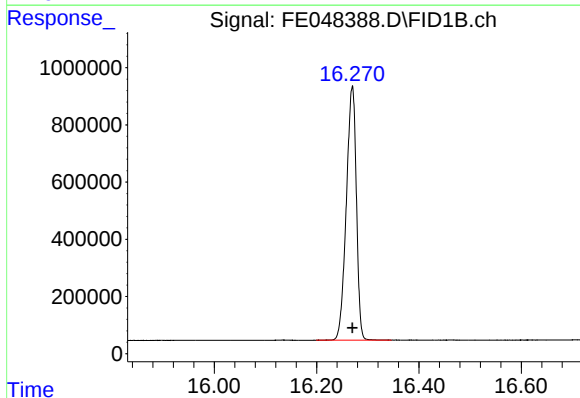
R.T.: 14.148 min
Delta R.T.: 0.000 min
Response: 12030627
Conc: 96.59 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



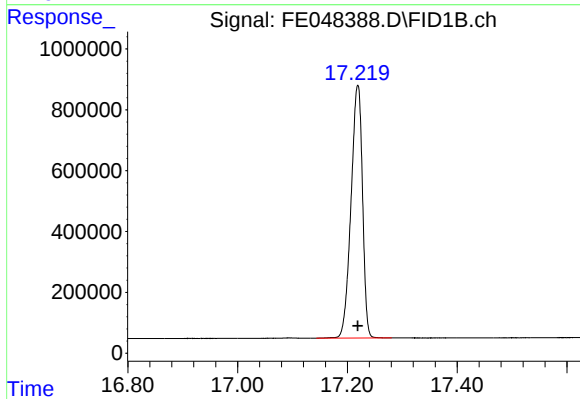
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: 0.000 min
Response: 12090765
Conc: 96.50 ug/ml



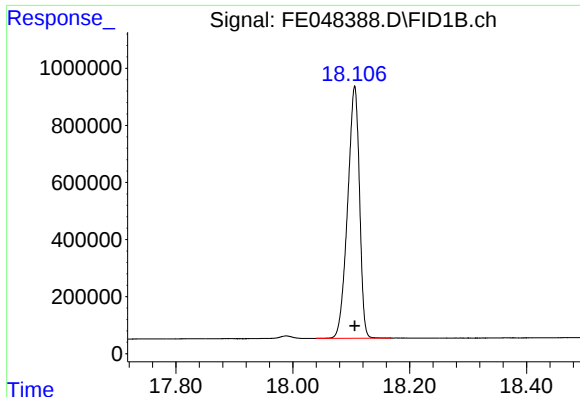
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 12097610
Conc: 96.48 ug/ml



#16 n-Octacosane (C28)

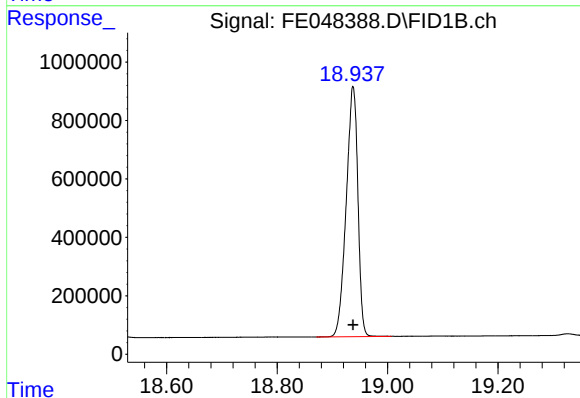
R.T.: 17.219 min
Delta R.T.: 0.000 min
Response: 12059597
Conc: 96.44 ug/ml



#17 n-Tricontane (C30)

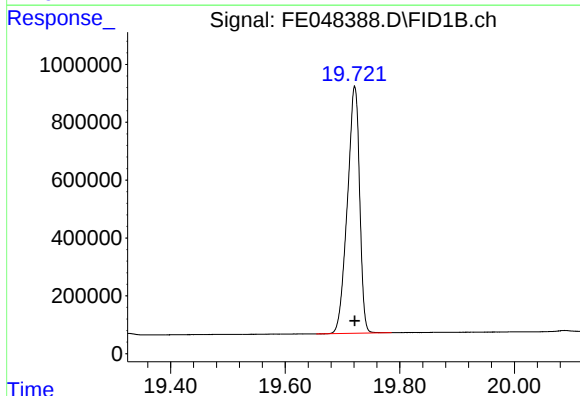
R.T.: 18.106 min
Delta R.T.: 0.000 min
Response: 12440527
Conc: 96.16 ug/ml

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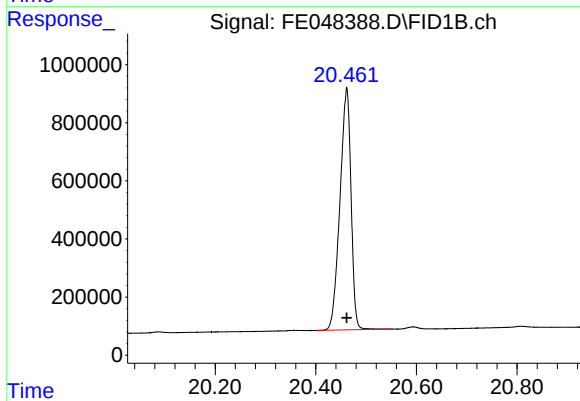
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 12547868
Conc: 96.04 ug/ml



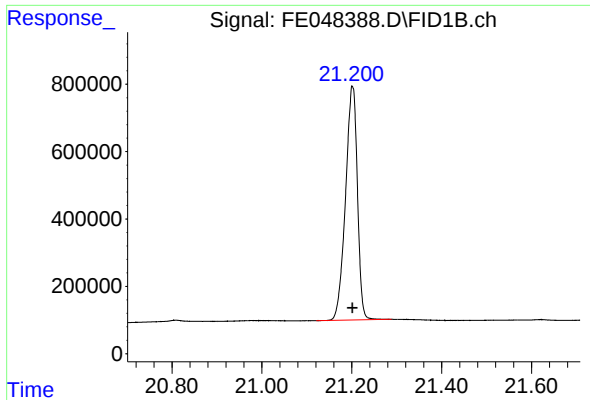
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 12680165
Conc: 96.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: 0.000 min
Response: 12718324
Conc: 96.63 ug/ml



#21 n-Octatriacontane (C38)

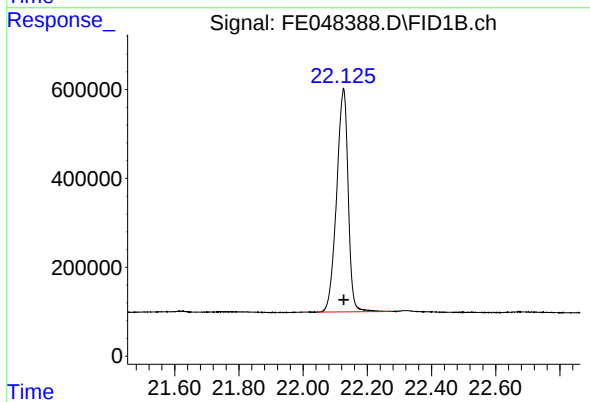
R.T.: 21.201 min
Delta R.T.: 0.000 min
Response: 12734677
Conc: 96.10 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.000 min
Response: 12531261
Conc: 95.21 ug/ml