

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045585.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 09:50
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 30 11:39:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 11:36:32 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)	11.872	19162129	95.369 ug/ml
Spiked Amount 50.000		Recovery =	190.74%
12) S 1-chlorooctadecane (S...	13.312	14644648	95.773 ug/ml
Spiked Amount 50.000		Recovery =	191.55%
Target Compounds			
1) T n-Nonane (C9)	3.255	14752479	96.086 ug/ml
2) T n-Decane (C10)	4.507	14939487	96.076 ug/ml
3) T A~Naphthalene (C11.7)	6.206	16589062	96.689 ug/ml
4) T n-Dodecane (C12)	6.674	15155456	96.259 ug/ml
5) T A~2-methylnaphthalene...	7.303	16422804	97.346 ug/ml
6) T n-Tetradecane (C14)	8.500	15120749	96.254 ug/ml
7) T n-Hexadecane (C16)	10.110	15535377	95.998 ug/ml
8) T n-Octadecane (C18)	11.557	15932117	95.607 ug/ml
10) T n-Eicosane (C20)	12.868	15855042	95.455 ug/ml
11) T n-Heneicosane (C21)	13.481	15850381	95.467 ug/ml
13) T n-Docosane (C22)	14.068	15879244	95.606 ug/ml
14) T n-Tetracosane (C24)	15.173	16015326	95.509 ug/ml
15) T n-Hexacosane (C26)	16.195	15969909	95.461 ug/ml
16) T n-Octacosane (C28)	17.148	15721324	95.287 ug/ml
17) T n-Tricontane (C30)	18.037	15741113	95.014 ug/ml
18) T n-Dotriacontane (C32)	18.872	15411175	94.642 ug/ml
19) T n-Tetratriacontane (C34)	19.657	14783517	94.657 ug/ml
20) T n-Hexatriacontane (C36)	20.398	14287379	94.540 ug/ml
21) T n-Octatriacontane (C38)	21.133	13511405	92.930 ug/ml
22) T n-Tetracontane (C40)	22.038	12960683	93.818 ug/ml

(f)=RT Delta > 1/2 Window

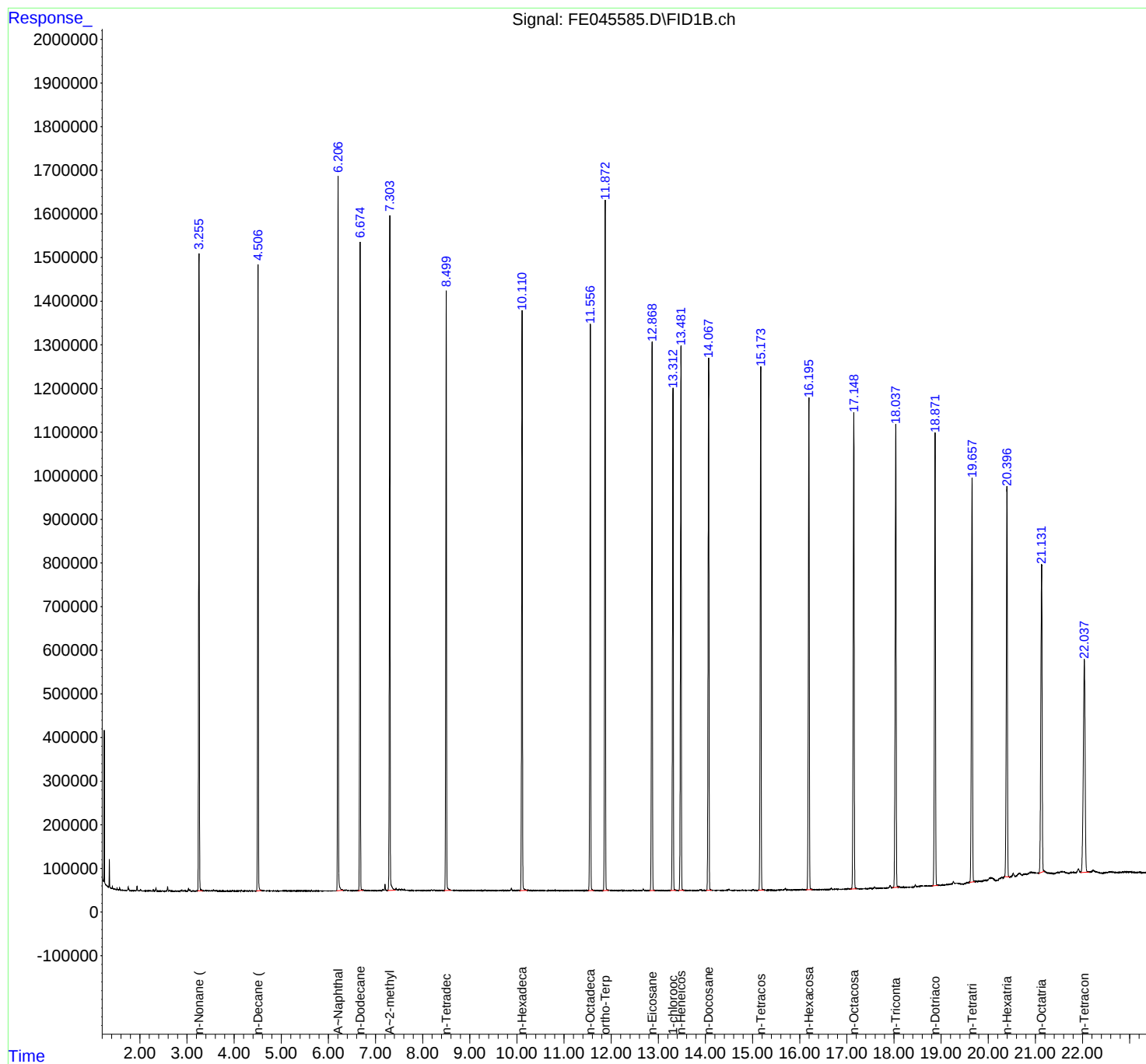
(m)=manual int.

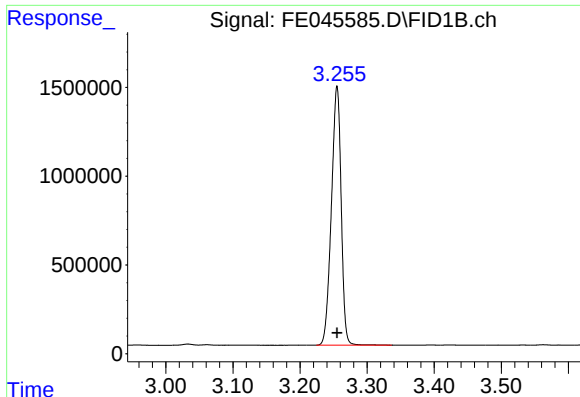
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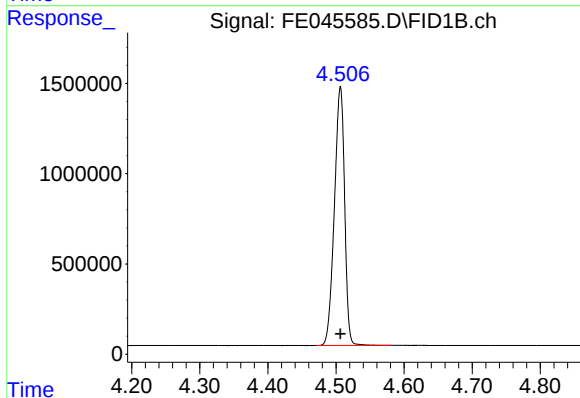




#1 n-Nonane (C9)

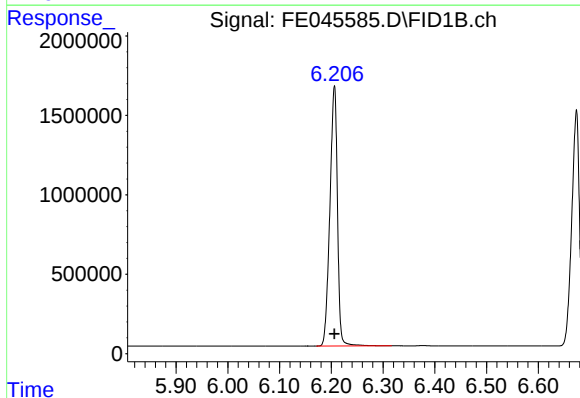
R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 14752479
Conc: 96.09 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



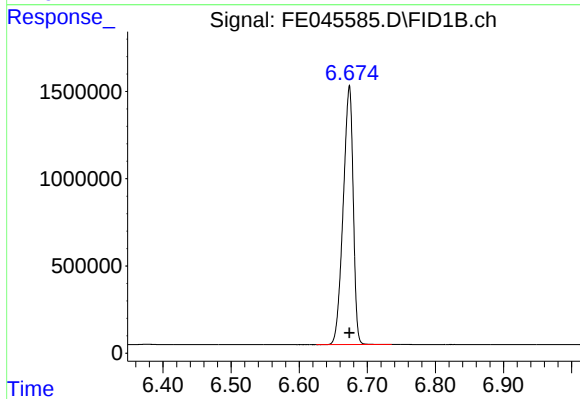
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 14939487
Conc: 96.08 ug/ml



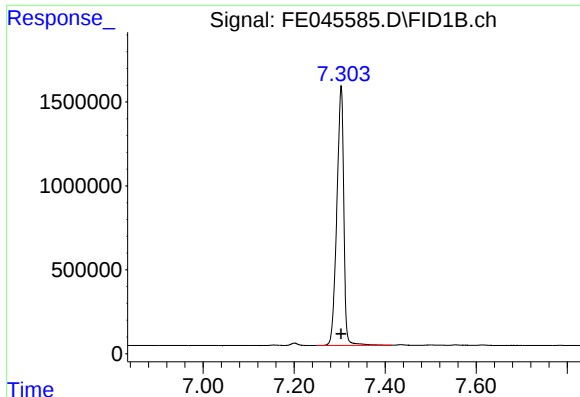
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 16589062
Conc: 96.69 ug/ml



#4 n-Dodecane (C12)

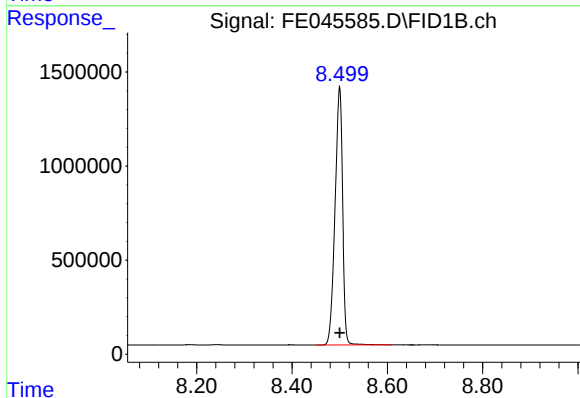
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 15155456
Conc: 96.26 ug/ml



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

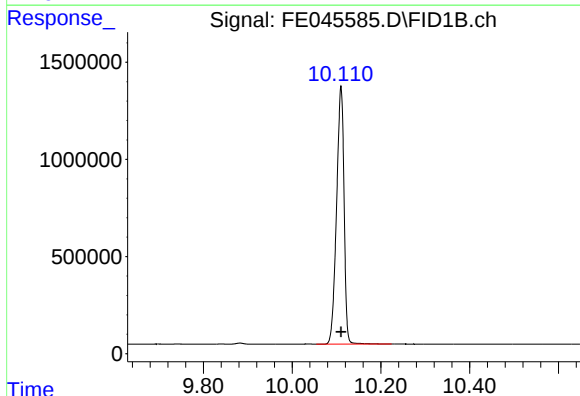
R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 16422804
Conc: 97.35 ug/ml

Instrument :
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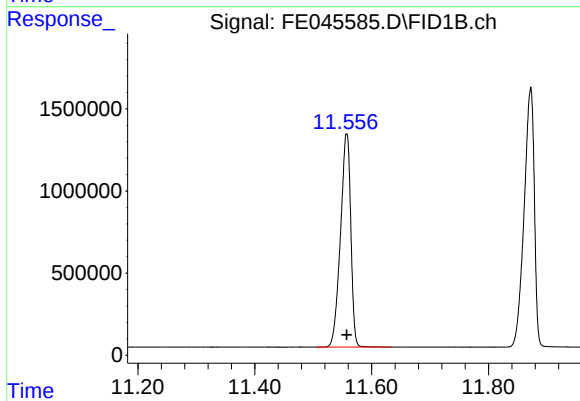
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 15120749
Conc: 96.25 ug/ml



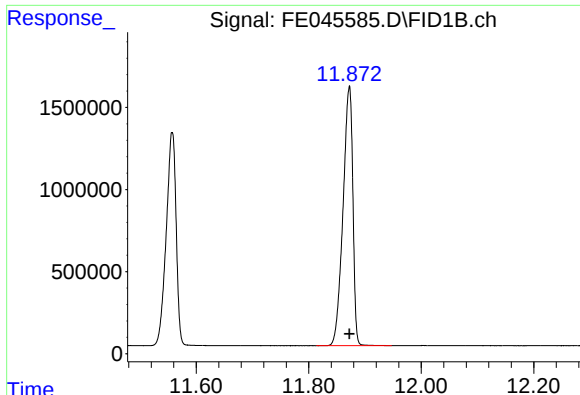
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: 0.000 min
Response: 15535377
Conc: 96.00 ug/ml



#8 n-Octadecane (C18)

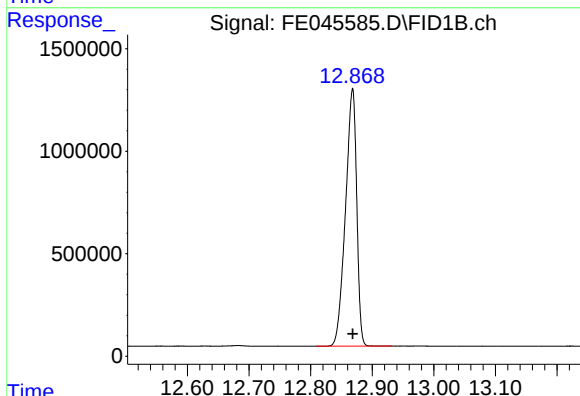
R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 15932117
Conc: 95.61 ug/ml



#9 ortho-Terphenyl (SURR)

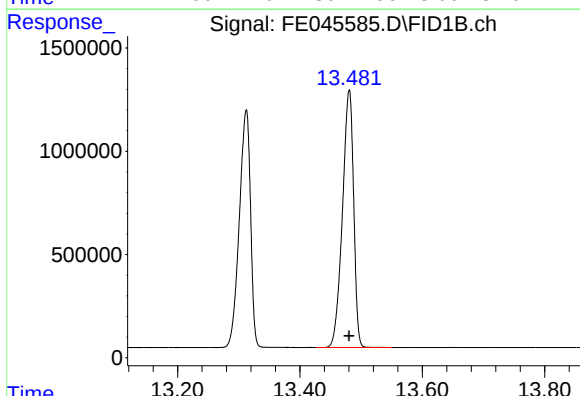
R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 19162129
Conc: 95.37 ug/ml

Instrument :
FID_E
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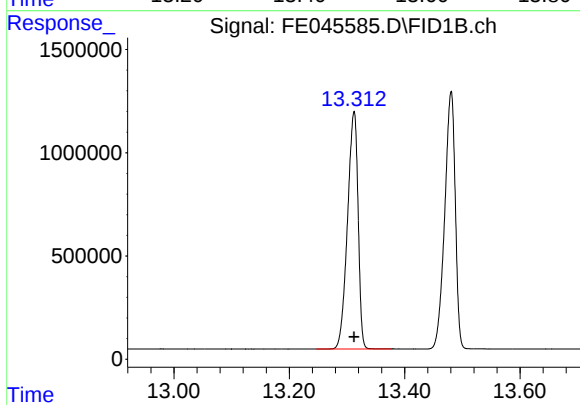
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 15855042
Conc: 95.46 ug/ml



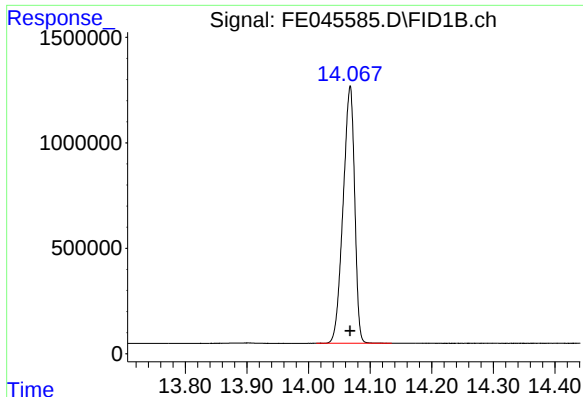
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.000 min
Response: 15850381
Conc: 95.47 ug/ml



#12 1-chlorooctadecane (SURR)

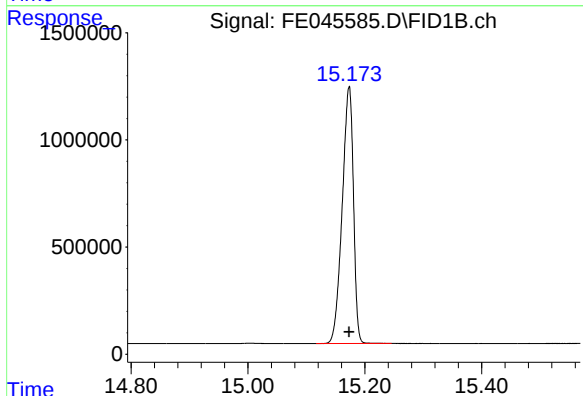
R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 14644648
Conc: 95.77 ug/ml



#13 n-Docosane (C22)

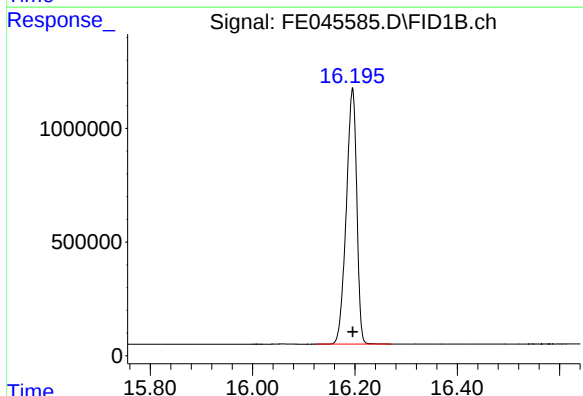
R.T.: 14.068 min
Delta R.T.: 0.000 min
Response: 15879244
Conc: 95.61 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



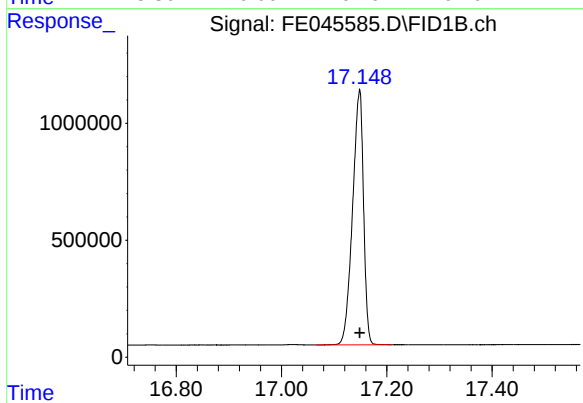
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.000 min
Response: 16015326
Conc: 95.51 ug/ml



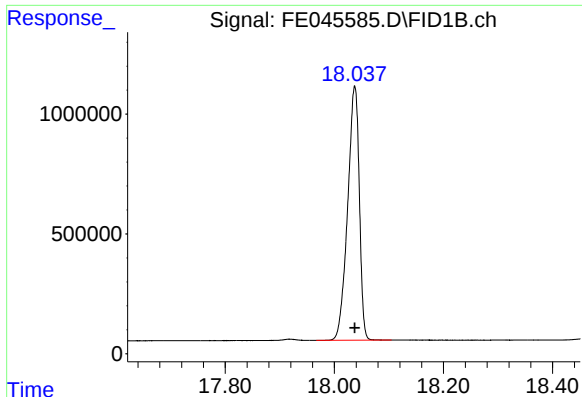
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.000 min
Response: 15969909
Conc: 95.46 ug/ml



#16 n-Octacosane (C28)

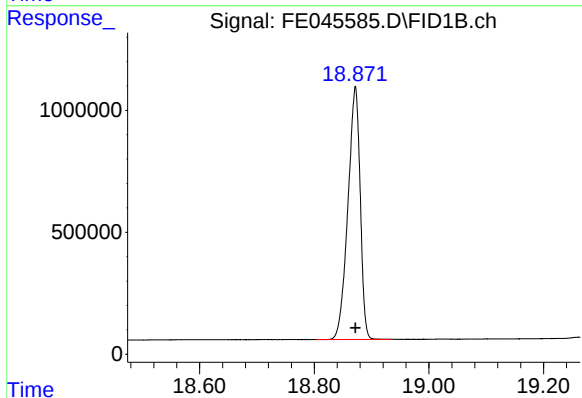
R.T.: 17.148 min
Delta R.T.: 0.000 min
Response: 15721324
Conc: 95.29 ug/ml



#17 n-Tricontane (C30)

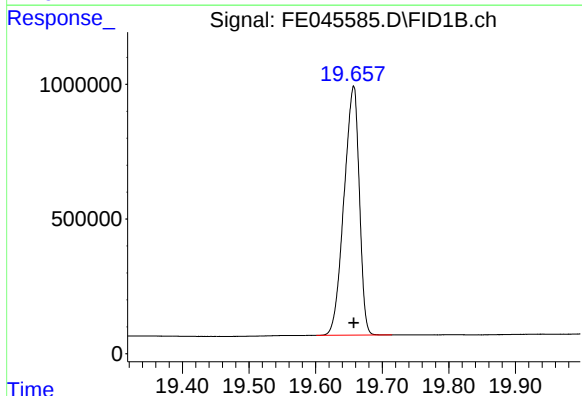
R.T.: 18.037 min
Delta R.T.: 0.000 min
Response: 15741113
Conc: 95.01 ug/ml

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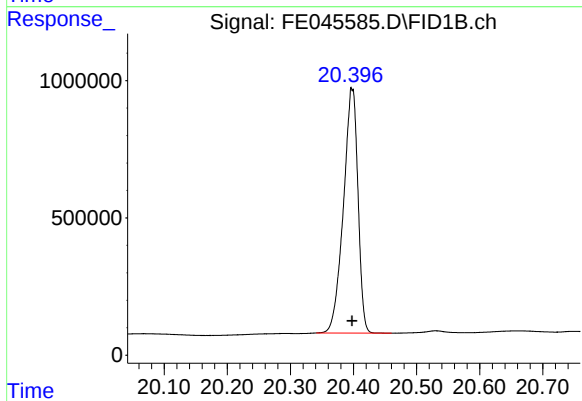
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.000 min
Response: 15411175
Conc: 94.64 ug/ml



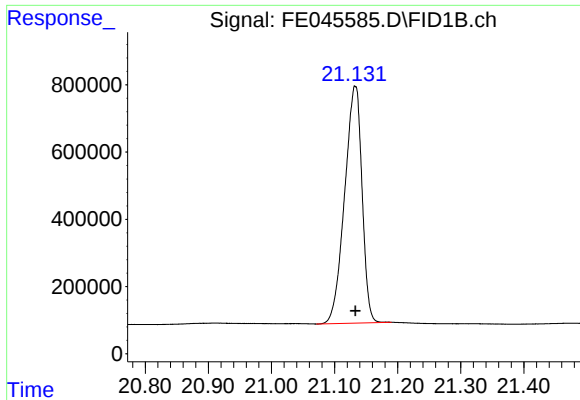
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 14783517
Conc: 94.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: 0.000 min
Response: 14287379
Conc: 94.54 ug/ml



#21 n-Octatriacontane (C38)

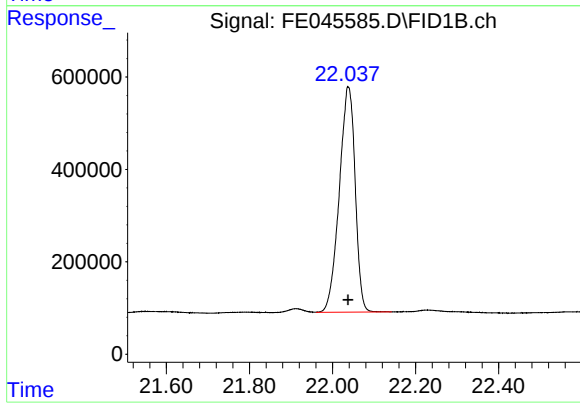
R.T.: 21.133 min
Delta R.T.: 0.000 min
Response: 13511405
Conc: 92.93 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: 0.000 min
Response: 12960683
Conc: 93.82 ug/ml