

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041823AL\
 Data File : FE041408.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2023 14:36
 Operator : YP\AJ
 Sample : PB152185BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152185BSD

Integration File: autoint1.e
 Quant Time: Apr 18 23:04:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.840	6343159	33.751 ug/ml
Spiked Amount 50.000		Recovery =	67.50%
12) S 1-chlorooctadecane (S...	13.279	5290459	36.770 ug/ml
Spiked Amount 50.000		Recovery =	73.54%
Target Compounds			
1) T n-Nonane (C9)	3.260	7515491	43.314 ug/ml
2) T n-Decane (C10)	4.495	7658163	44.991 ug/ml
3) T A~Naphthalene (C11.7)	6.189	7854950	42.945 ug/ml
4) T n-Dodecane (C12)	6.650	7890291	45.487 ug/ml
5) T A~2-methylnaphthalene...	7.283	7340397	44.322 ug/ml
6) T n-Tetradecane (C14)	8.477	7724209	44.299 ug/ml
7) T n-Hexadecane (C16)	10.083	7809159	43.908 ug/ml
8) T n-Octadecane (C18)	11.526	7640010	42.789 ug/ml
10) T n-Eicosane (C20)	12.837	7459924	43.734 ug/ml
11) T n-Heneicosane (C21)	13.448	7084151	41.872 ug/ml
13) T n-Docosane (C22)	14.035	6945574	41.971 ug/ml
14) T n-Tetracosane (C24)	15.137	13651551	84.380 ug/ml
15) T n-Hexacosane (C26)	16.163	6689081	43.151 ug/ml
16) T n-Octacosane (C28)	17.113	6949916	45.371 ug/ml
17) T n-Tricontane (C30)	18.006	6656344	43.547 ug/ml
18) T n-Dotriacontane (C32)	18.839	6454075	41.338 ug/ml
19) T n-Tetratriacontane (C34)	19.625	6140062	39.621 ug/ml
20) T n-Hexatriacontane (C36)	20.365	5347019	35.201 ug/ml
21) T n-Octatriacontane (C38)	21.092	4803611	30.749 ug/ml
22) T n-Tetracontane (C40)	21.972	4290396	26.881 ug/ml

(f)=RT Delta > 1/2 Window

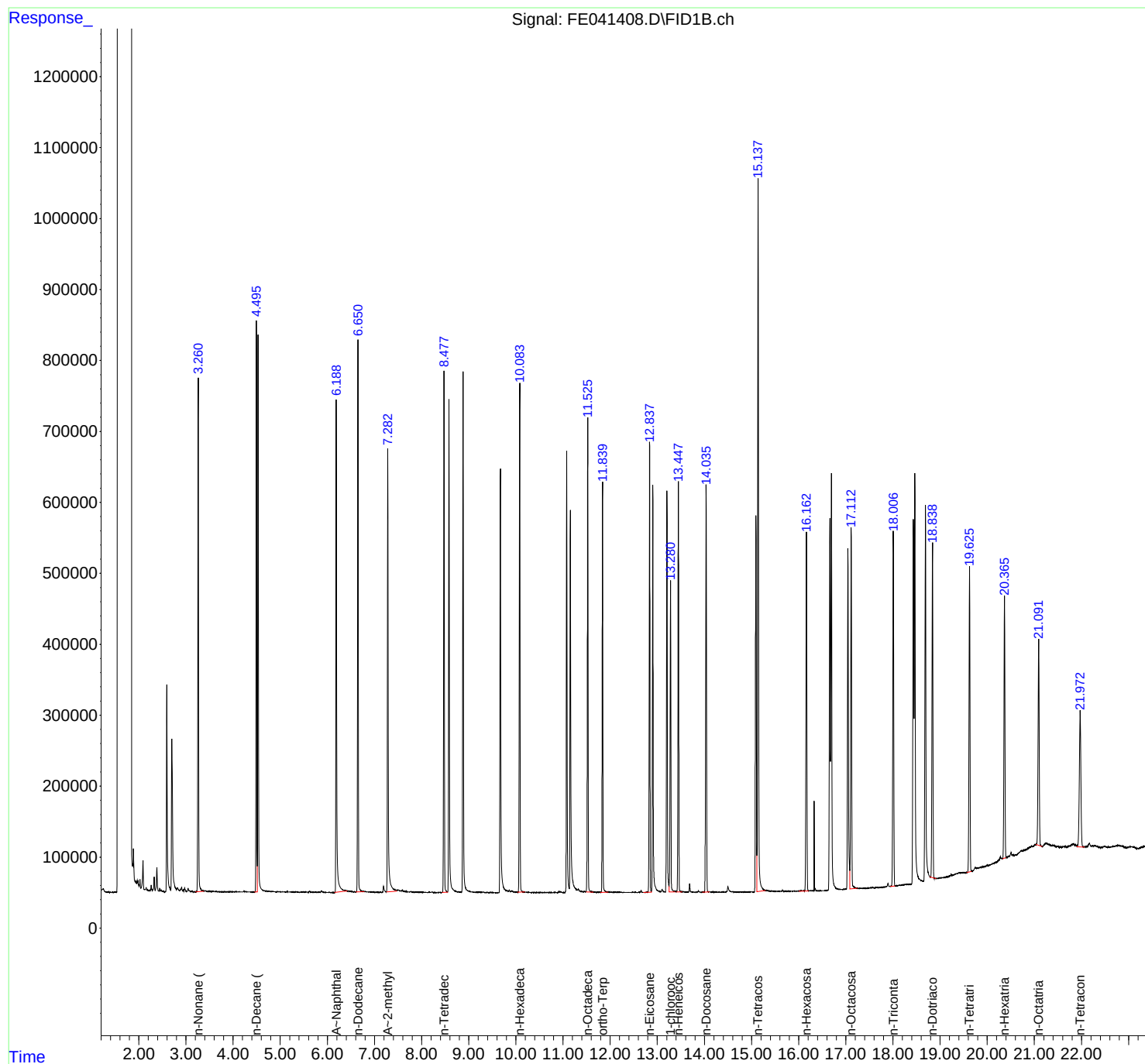
(m)=manual int.

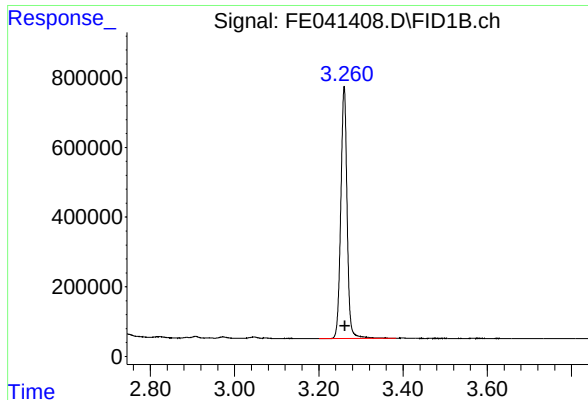
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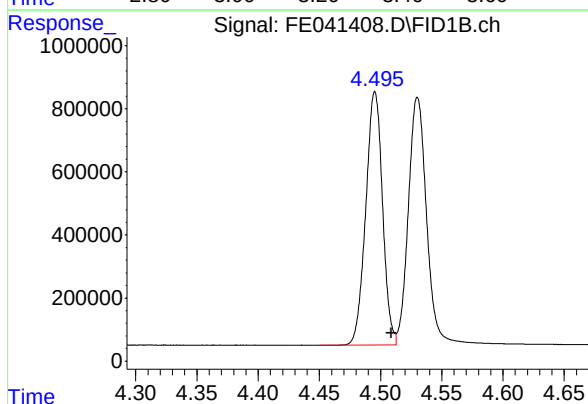




#1 n-Nonane (C9)

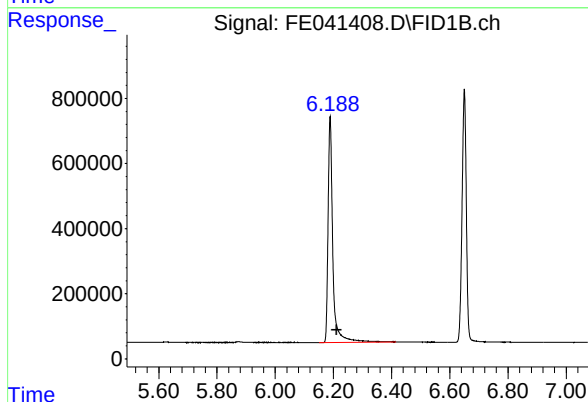
R.T.: 3.260 min
Delta R.T.: -0.002 min
Response: 7515491
Conc: 43.31 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152185BSD



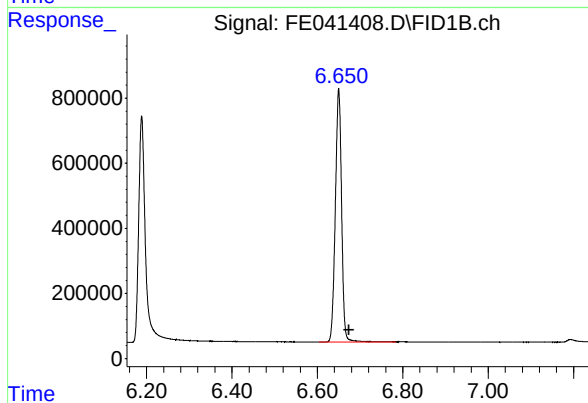
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.013 min
Response: 7658163
Conc: 44.99 ug/ml



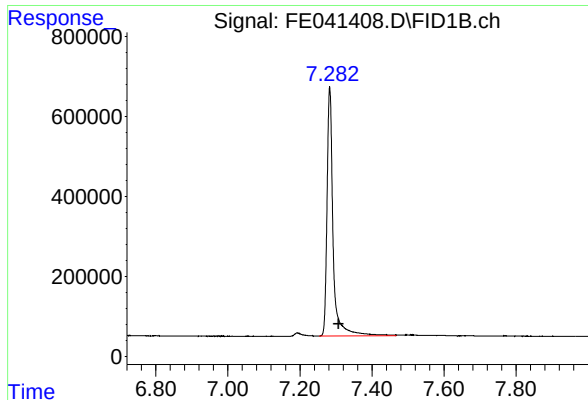
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.023 min
Response: 7854950
Conc: 42.94 ug/ml



#4 n-Dodecane (C12)

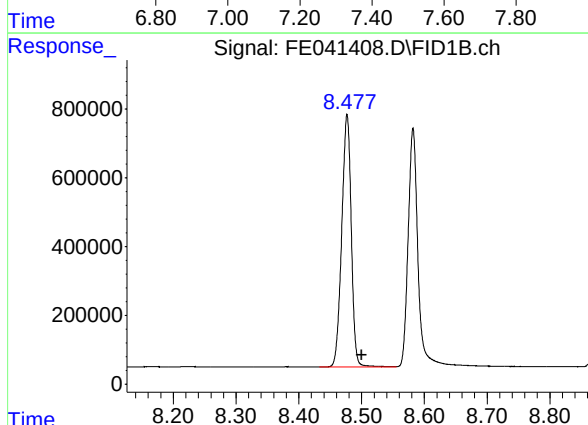
R.T.: 6.650 min
Delta R.T.: -0.023 min
Response: 7890291
Conc: 45.49 ug/ml



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

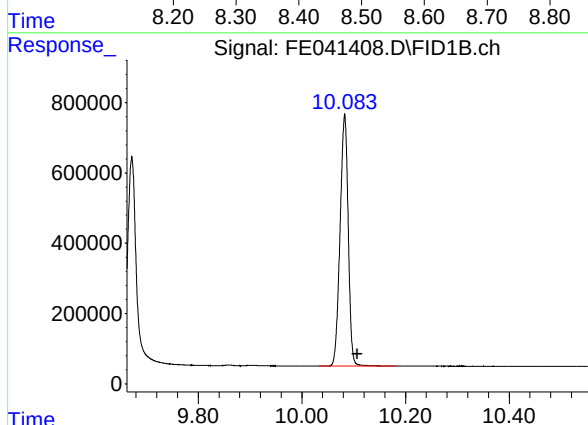
R.T.: 7.283 min
Delta R.T.: -0.025 min
Response: 7340397
Conc: 44.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152185BSD



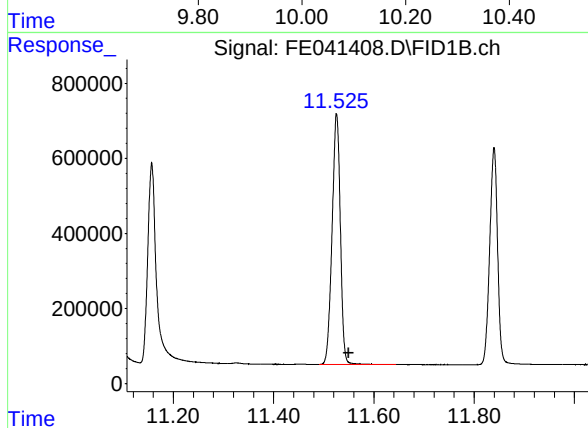
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.023 min
Response: 7724209
Conc: 44.30 ug/ml



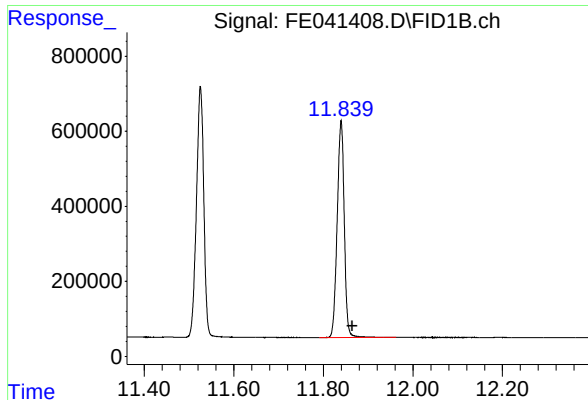
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.024 min
Response: 7809159
Conc: 43.91 ug/ml



#8 n-Octadecane (C18)

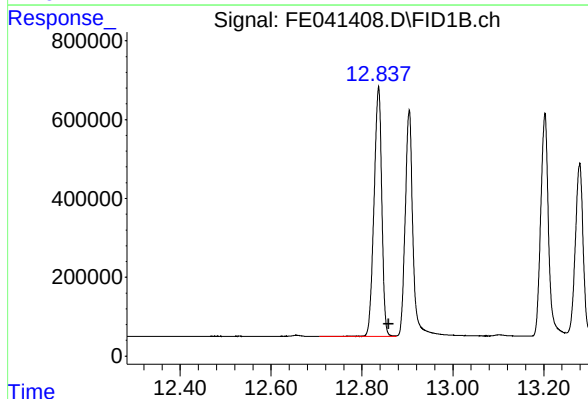
R.T.: 11.526 min
Delta R.T.: -0.024 min
Response: 7640010
Conc: 42.79 ug/ml



#9 ortho-Terphenyl (SURR)

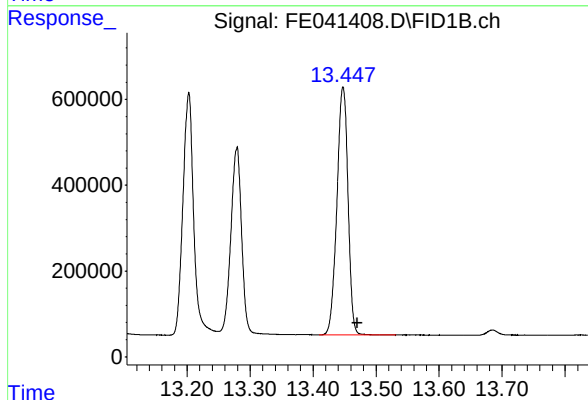
R.T.: 11.840 min
Delta R.T.: -0.025 min
Response: 6343159
Conc: 33.75 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152185BSD



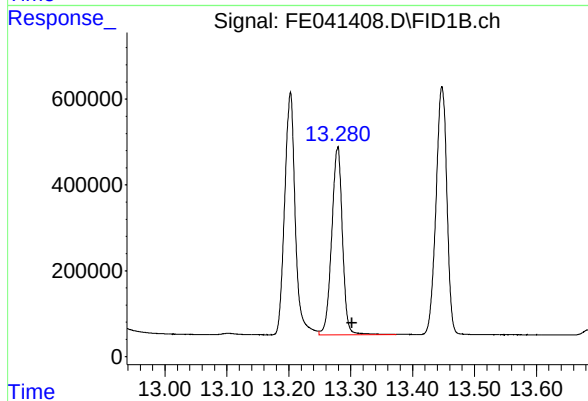
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.022 min
Response: 7459924
Conc: 43.73 ug/ml



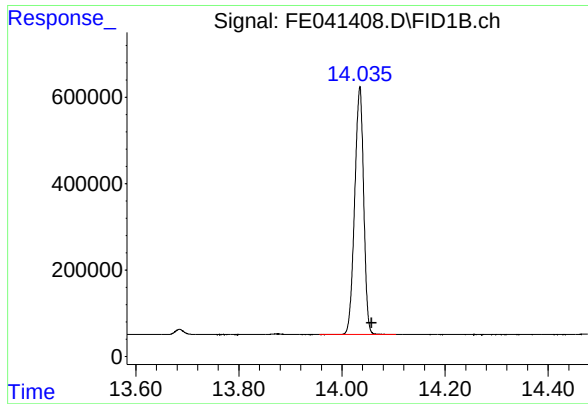
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.022 min
Response: 7084151
Conc: 41.87 ug/ml



#12 1-chlorooctadecane (SURR)

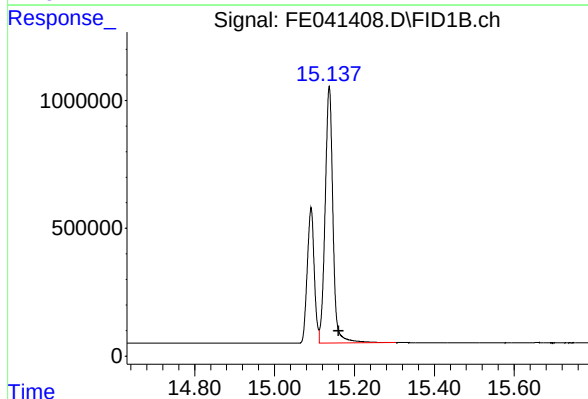
R.T.: 13.279 min
Delta R.T.: -0.023 min
Response: 5290459
Conc: 36.77 ug/ml



#13 n-Docosane (C22)

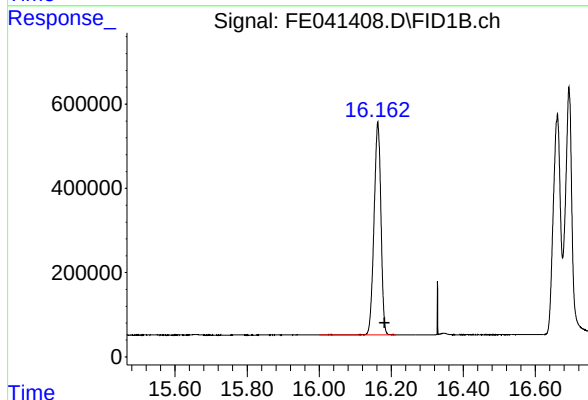
R.T.: 14.035 min
Delta R.T.: -0.022 min
Response: 6945574
Conc: 41.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152185BSD



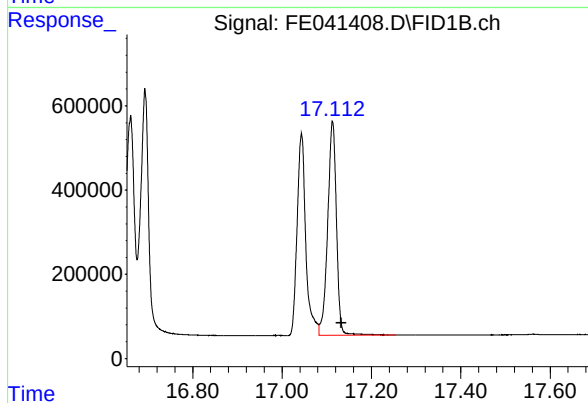
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.024 min
Response: 13651551
Conc: 84.38 ug/ml



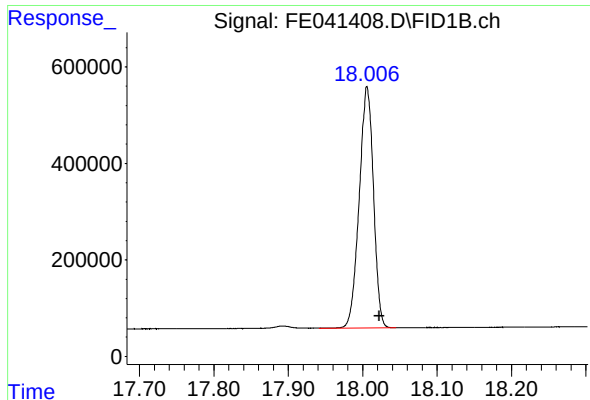
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.019 min
Response: 6689081
Conc: 43.15 ug/ml



#16 n-Octacosane (C28)

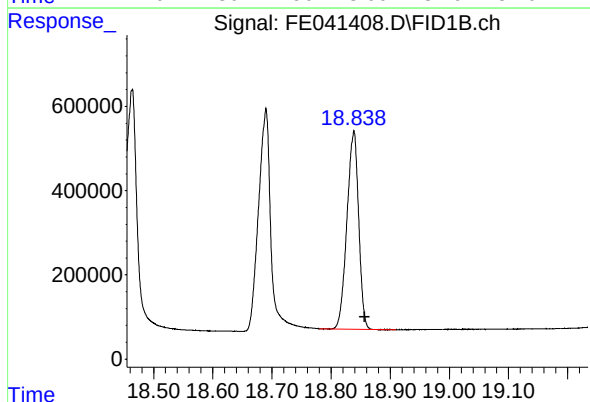
R.T.: 17.113 min
Delta R.T.: -0.020 min
Response: 6949916
Conc: 45.37 ug/ml



#17 n-Tricontane (C30)

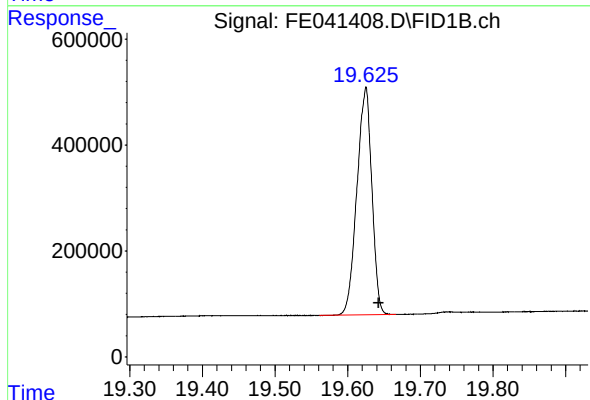
R.T.: 18.006 min
Delta R.T.: -0.016 min
Response: 6656344
Conc: 43.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152185BSD



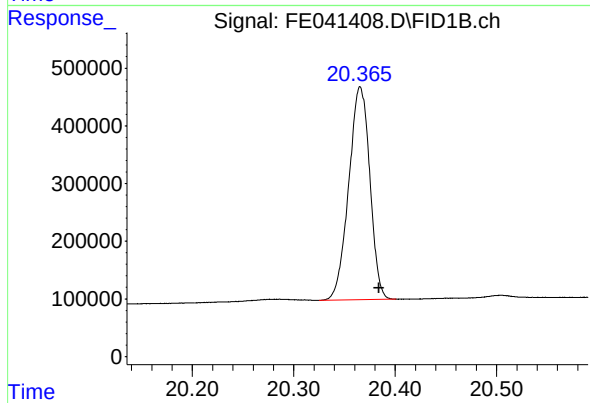
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.018 min
Response: 6454075
Conc: 41.34 ug/ml



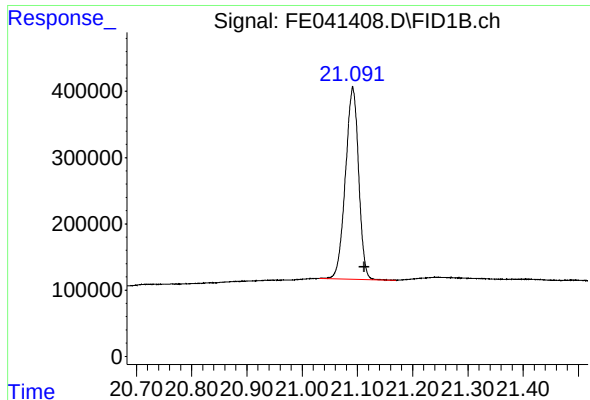
#19 n-Tetatriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.017 min
Response: 6140062
Conc: 39.62 ug/ml



#20 n-Hexatriacontane (C36)

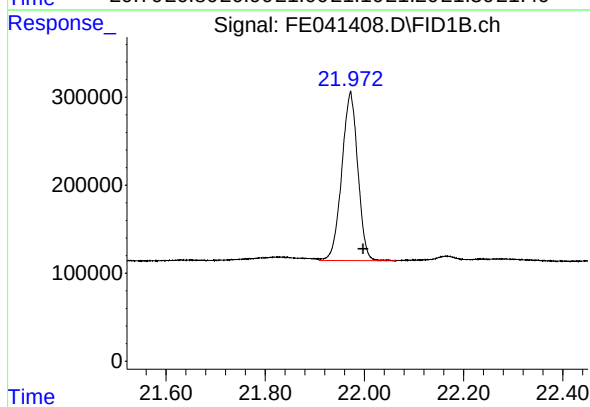
R.T.: 20.365 min
Delta R.T.: -0.019 min
Response: 5347019
Conc: 35.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.020 min
Response: 4803611
Conc: 30.75 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152185BSD



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.026 min
Response: 4290396
Conc: 26.88 ug/ml