

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
 Data File : FE051425.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2024 09:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 25 10:19:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.838	3262767	21.738 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
12) S 1-chlorooctadecane (S...	13.272	2472372	21.777 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
Target Compounds			
1) T n-Nonane (C9)	3.229	2927911	21.160 ug/ml
2) T n-Decane (C10)	4.477	3022858	21.564 ug/ml
3) T A~Naphthalene (C11.7)	6.190	2768884	21.000 ug/ml
4) T n-Dodecane (C12)	6.644	3038314	21.518 ug/ml
5) T A~2-methylnaphthalene...	7.286	2502151	20.002 ug/ml
6) T n-Tetradecane (C14)	8.470	2981713	21.395 ug/ml
7) T n-Hexadecane (C16)	10.076	3059793	21.562 ug/ml
8) T n-Octadecane (C18)	11.518	3095702	21.678 ug/ml
10) T n-Eicosane (C20)	12.825	2991130	21.856 ug/ml
11) T n-Heneicosane (C21)	13.435	2930064	21.924 ug/ml
13) T n-Docosane (C22)	14.022	2908048	21.873 ug/ml
14) T n-Tetracosane (C24)	15.123	2969034	22.381 ug/ml
15) T n-Hexacosane (C26)	16.141	2960487	22.115 ug/ml
16) T n-Octacosane (C28)	17.090	3026668	22.201 ug/ml
17) T n-Tricontane (C30)	17.977	3223090	22.184 ug/ml
18) T n-Dotriacontane (C32)	18.809	3215225	21.654 ug/ml
19) T n-Tetratriacontane (C34)	19.592	2798781	20.830 ug/ml
20) T n-Hexatriacontane (C36)	20.331	2360758	19.785 ug/ml
21) T n-Octatriacontane (C38)	21.052	2175166	19.111 ug/ml
22) T n-Tetracontane (C40)	21.928	2222857	19.986 ug/ml

(f)=RT Delta > 1/2 Window

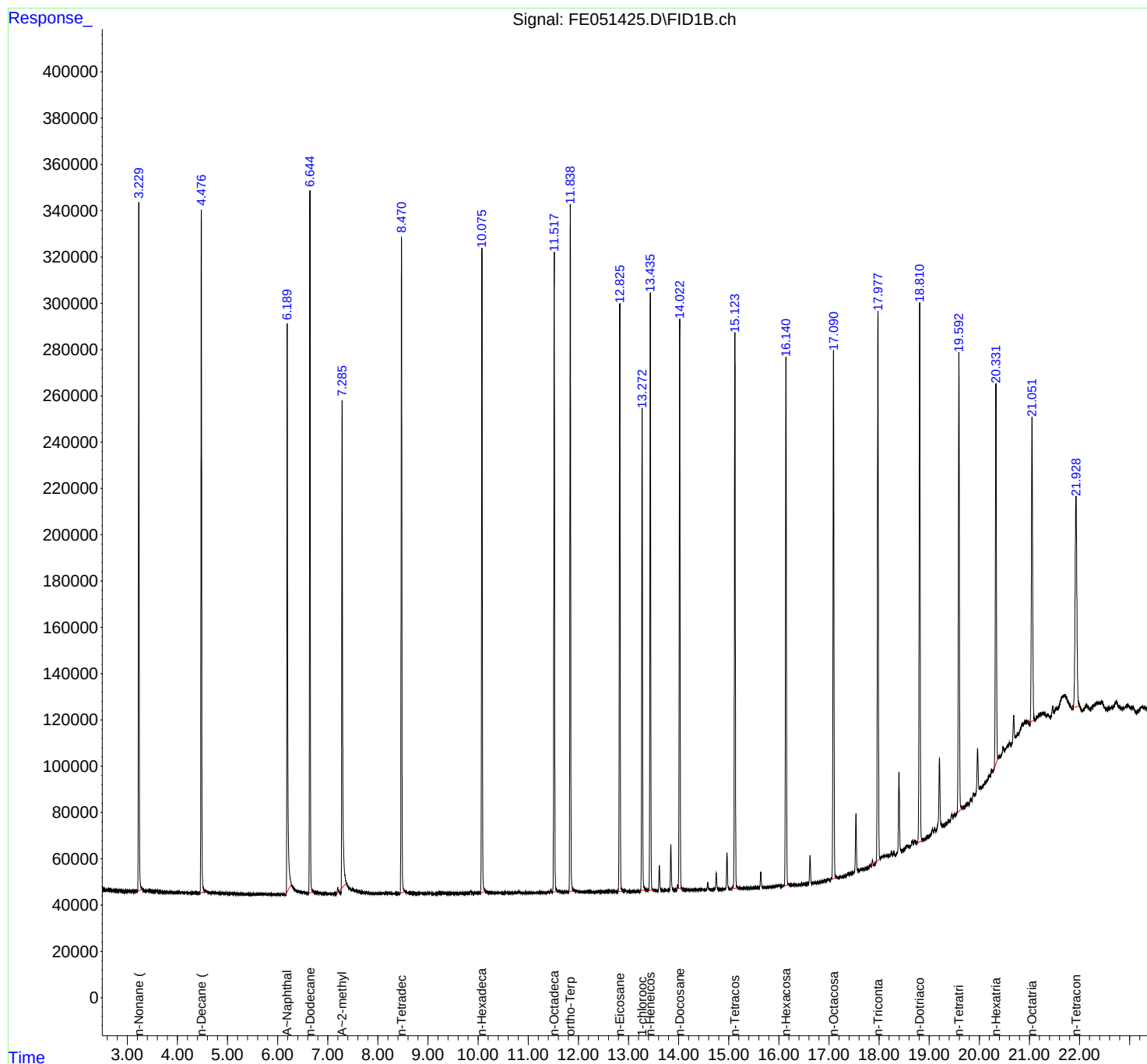
(m)=manual int.

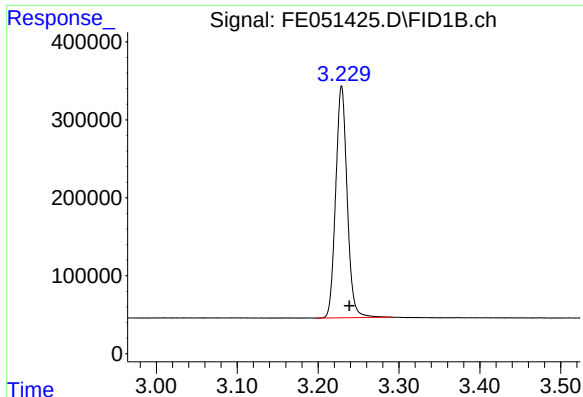
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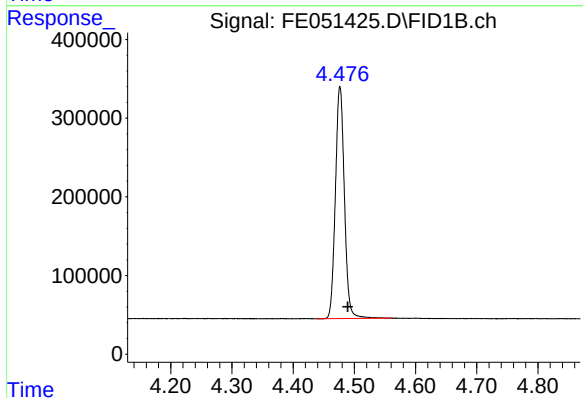




#1 n-Nonane (C9)

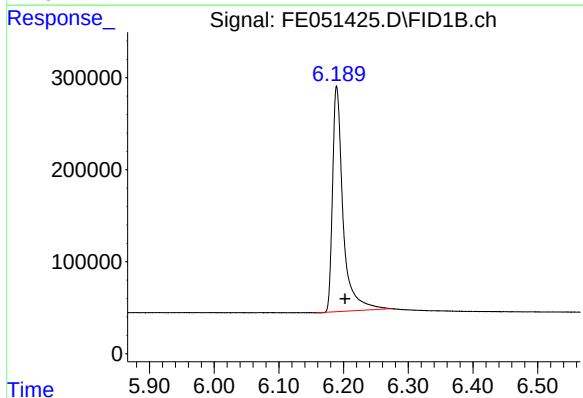
R.T.: 3.229 min
Delta R.T.: -0.010 min
Response: 2927911
Conc: 21.16 ug/ml

Instrument :
FID_E
ClientSampleId :



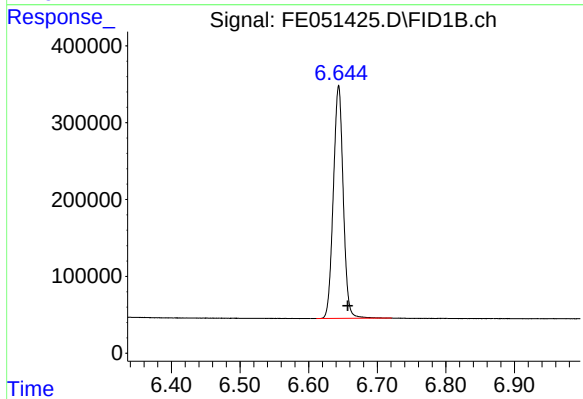
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.013 min
Response: 3022858
Conc: 21.56 ug/ml



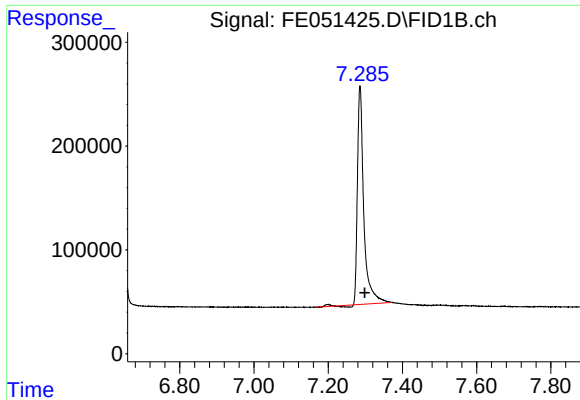
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: 2768884
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

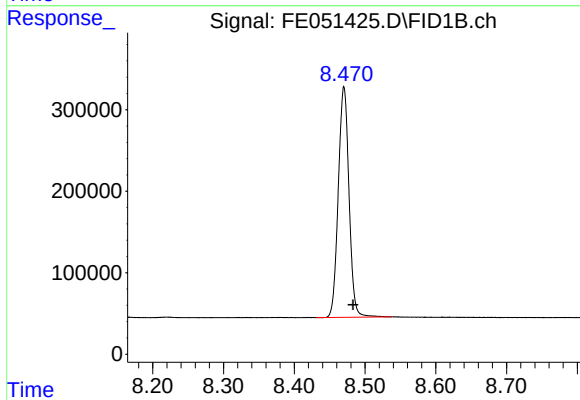
R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 3038314
Conc: 21.52 ug/ml



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

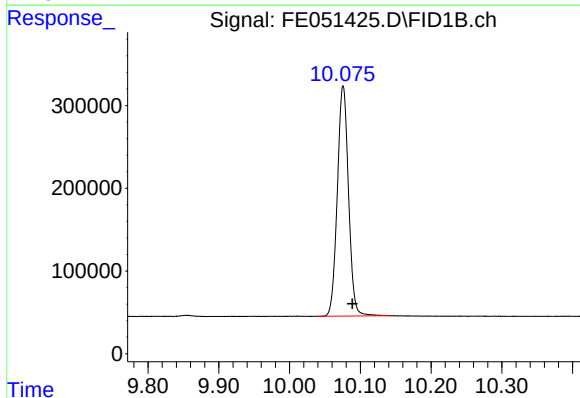
R.T.: 7.286 min
Delta R.T.: -0.012 min
Response: 2502151
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



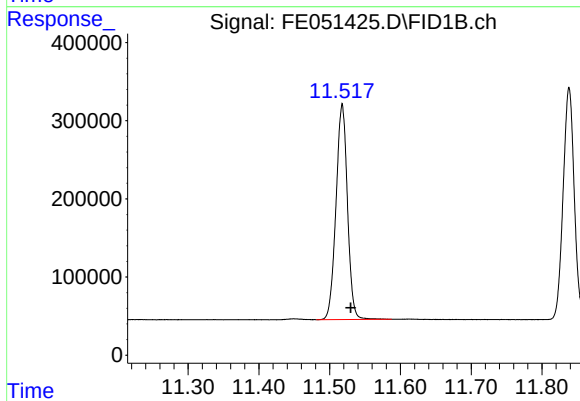
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.013 min
Response: 2981713
Conc: 21.40 ug/ml



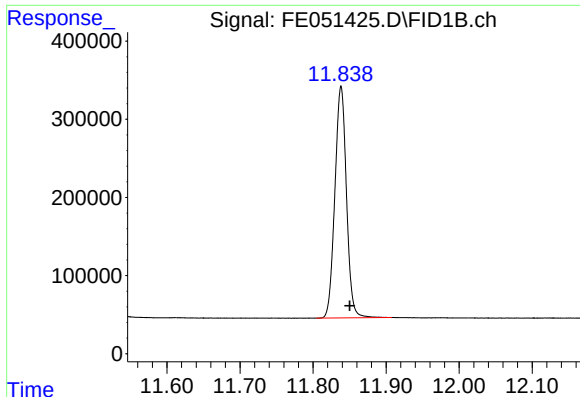
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.013 min
Response: 3059793
Conc: 21.56 ug/ml



#8 n-Octadecane (C18)

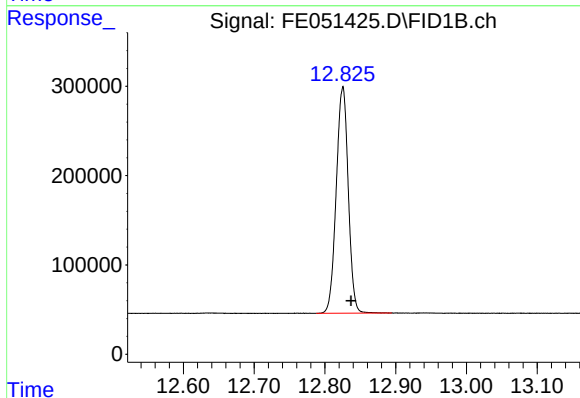
R.T.: 11.518 min
Delta R.T.: -0.012 min
Response: 3095702
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

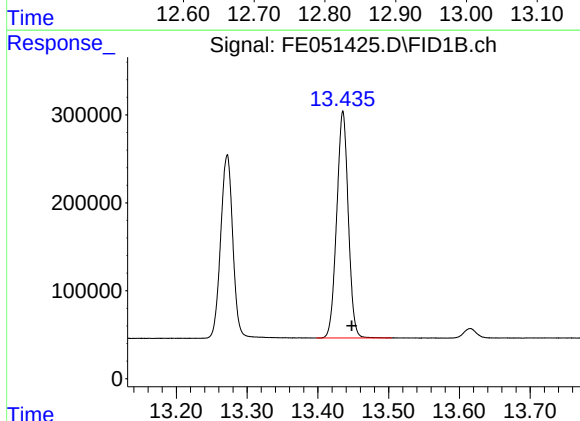
R.T.: 11.838 min
Delta R.T.: -0.012 min
Response: 3262767
Conc: 21.74 ug/ml

Instrument :
FID_E
ClientSampleId :



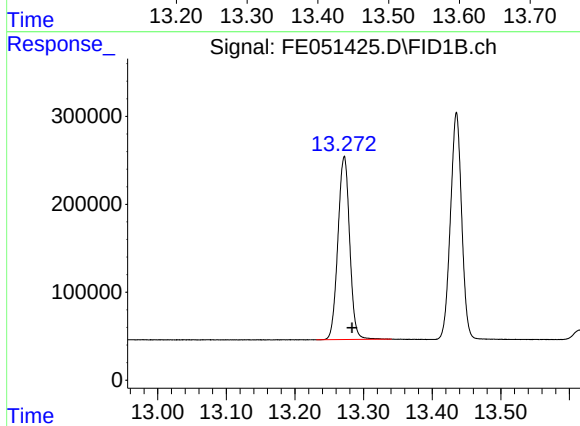
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.012 min
Response: 2991130
Conc: 21.86 ug/ml



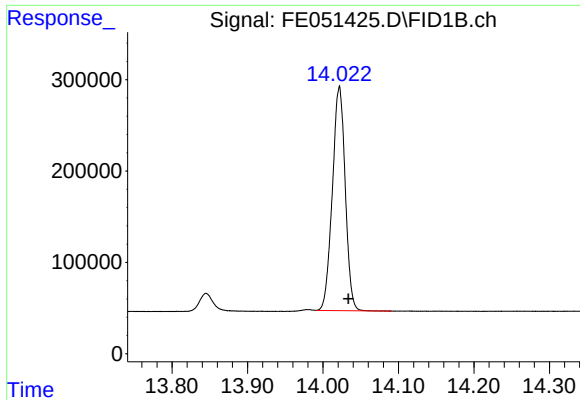
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 2930064
Conc: 21.92 ug/ml



#12 1-chlorooctadecane (SURR)

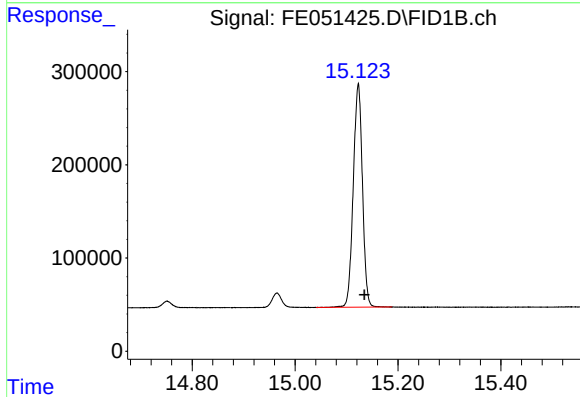
R.T.: 13.272 min
Delta R.T.: -0.011 min
Response: 2472372
Conc: 21.78 ug/ml



#13 n-Docosane (C22)

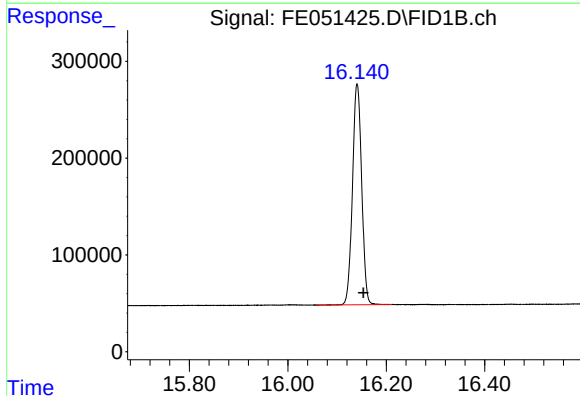
R.T.: 14.022 min
Delta R.T.: -0.012 min
Response: 2908048
Conc: 21.87 ug/ml

Instrument :
FID_E
ClientSampleId :



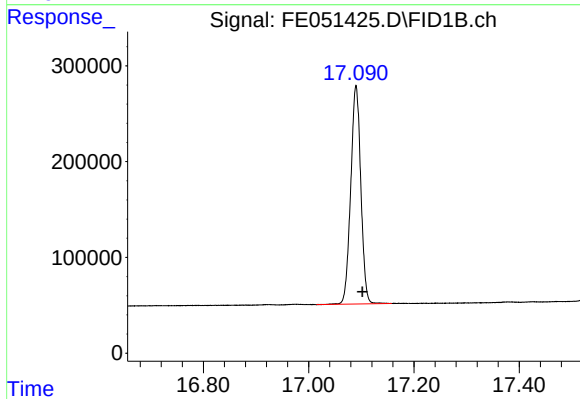
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: -0.012 min
Response: 2969034
Conc: 22.38 ug/ml



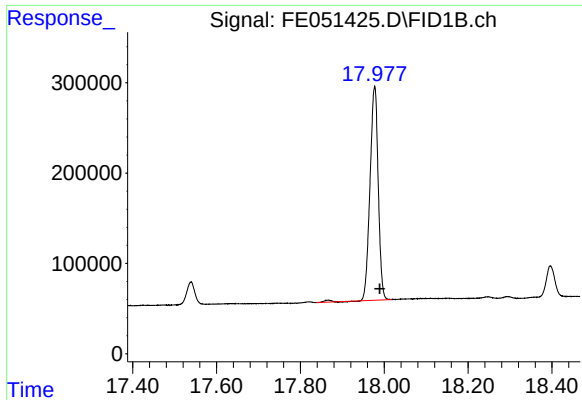
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 2960487
Conc: 22.11 ug/ml



#16 n-Octacosane (C28)

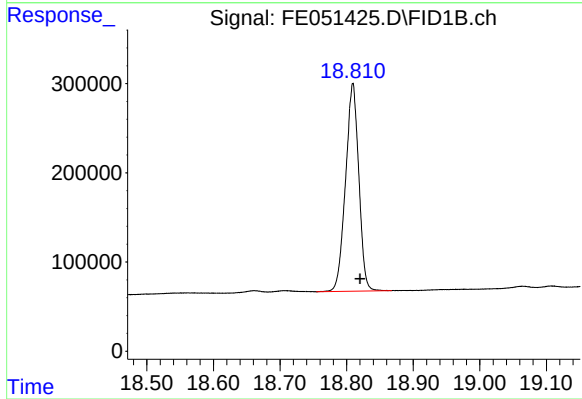
R.T.: 17.090 min
Delta R.T.: -0.012 min
Response: 3026668
Conc: 22.20 ug/ml



#17 n-Tricontane (C30)

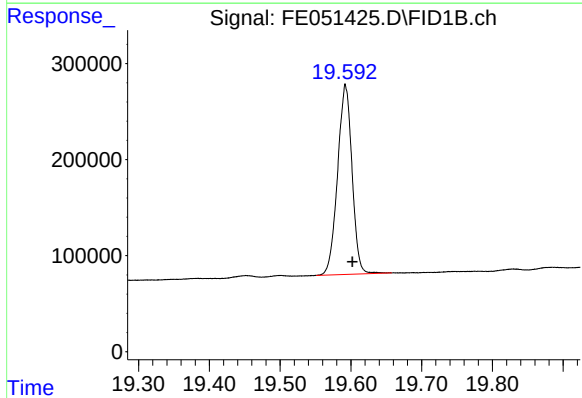
R.T.: 17.977 min
Delta R.T.: -0.012 min
Response: 3223090
Conc: 22.18 ug/ml

Instrument :
FID_E
ClientSampleId :



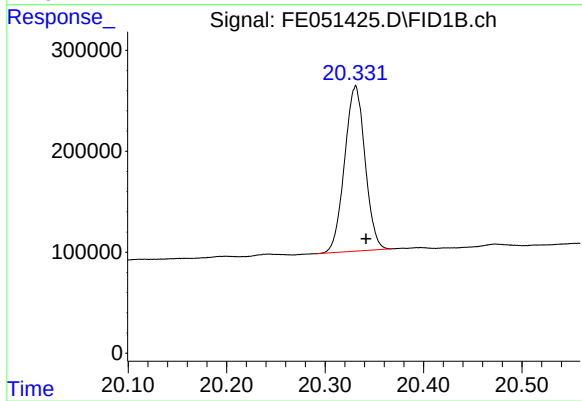
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.011 min
Response: 3215225
Conc: 21.65 ug/ml



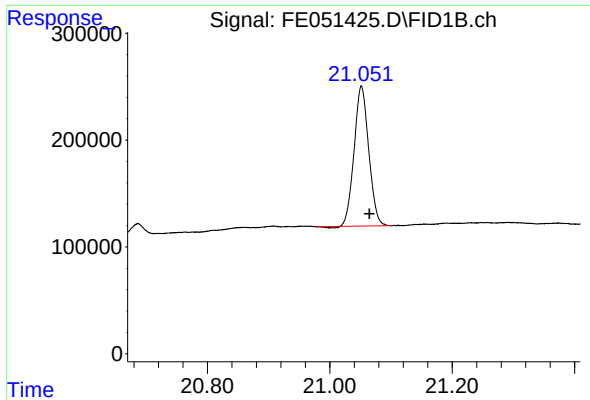
#19 n-Tetratriacontane (C34)

R.T.: 19.592 min
Delta R.T.: -0.010 min
Response: 2798781
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

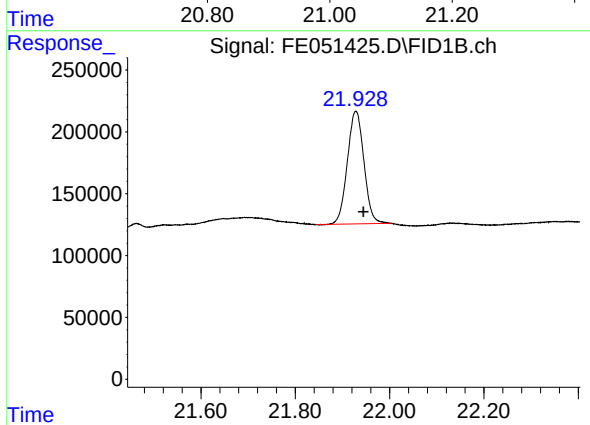
R.T.: 20.331 min
Delta R.T.: -0.011 min
Response: 2360758
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.052 min
Delta R.T.: -0.013 min
Response: 2175166
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.928 min
Delta R.T.: -0.016 min
Response: 2222857
Conc: 19.99 ug/ml