

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049138.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 18:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 01:39:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.918	2945109	17.613 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	13.354	2243417	17.446 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
Target Compounds			
1) T n-Nonane (C9)	3.304	2889141	19.217 ug/ml
2) T n-Decane (C10)	4.554	2936353	19.081 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2992596	18.851 ug/ml
4) T n-Dodecane (C12)	6.721	2915341	18.885 ug/ml
5) T A~2-methylnaphthalene...	7.358	2812502	18.572 ug/ml
6) T n-Tetradecane (C14)	8.549	2877180	18.773 ug/ml
7) T n-Hexadecane (C16)	10.157	2895722	18.520 ug/ml
8) T n-Octadecane (C18)	11.599	2891729	18.131 ug/ml
10) T n-Eicosane (C20)	12.909	2750073	17.738 ug/ml
11) T n-Heneicosane (C21)	13.521	2693136	17.687 ug/ml
13) T n-Docosane (C22)	14.107	2678721	17.712 ug/ml
14) T n-Tetracosane (C24)	15.209	2677352	17.816 ug/ml
15) T n-Hexacosane (C26)	16.229	2664966	18.051 ug/ml
16) T n-Octacosane (C28)	17.179	2648532	18.365 ug/ml
17) T n-Tricontane (C30)	18.066	2740629	18.733 ug/ml
18) T n-Dotriacontane (C32)	18.897	2744363	19.194 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2751111	19.882 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2722534	20.948 ug/ml
21) T n-Octatriacontane (C38)	21.154	2692551	21.003 ug/ml
22) T n-Tetracontane (C40)	22.066	2720000	22.211 ug/ml

(f)=RT Delta > 1/2 Window

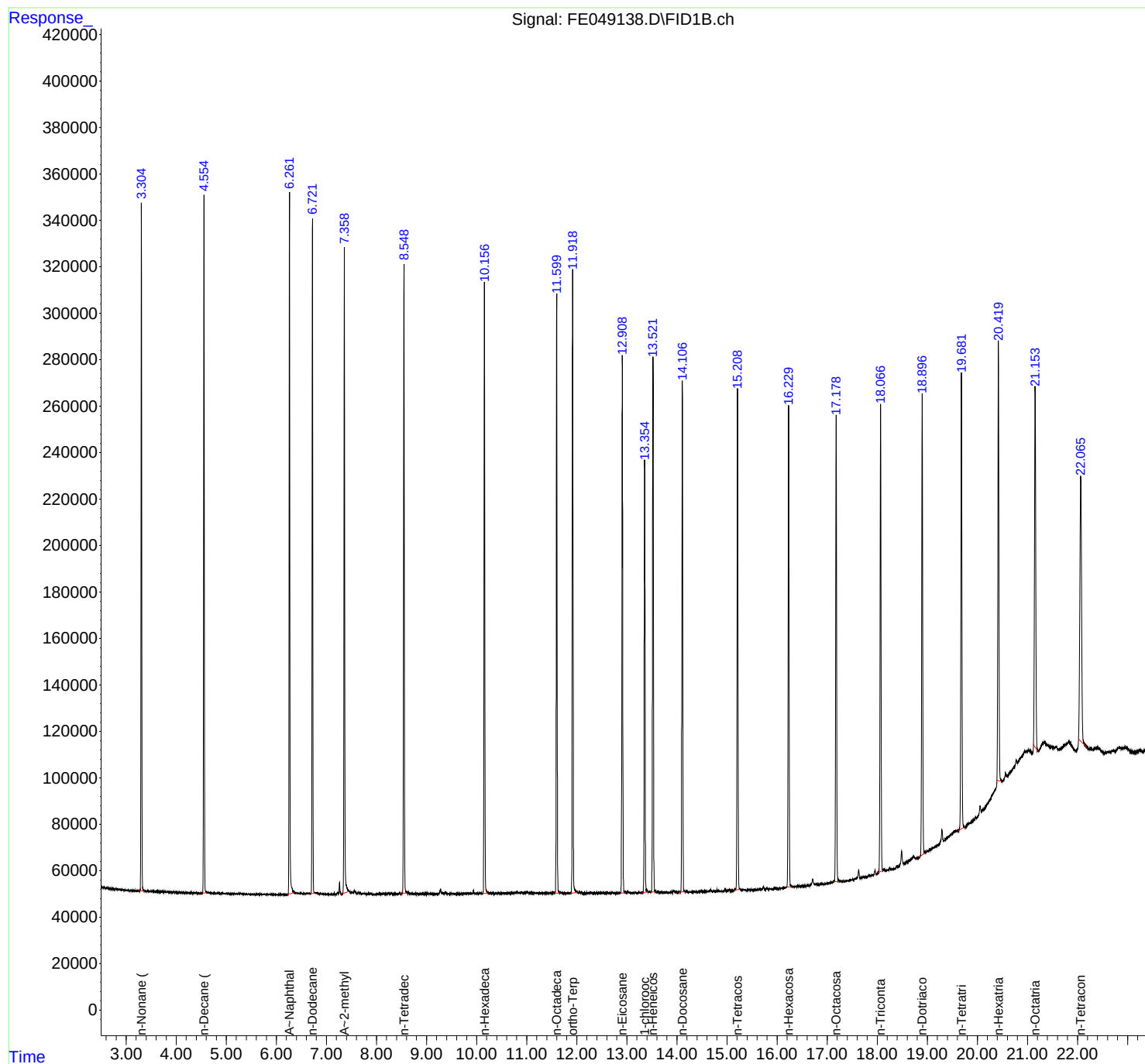
(m)=manual int.

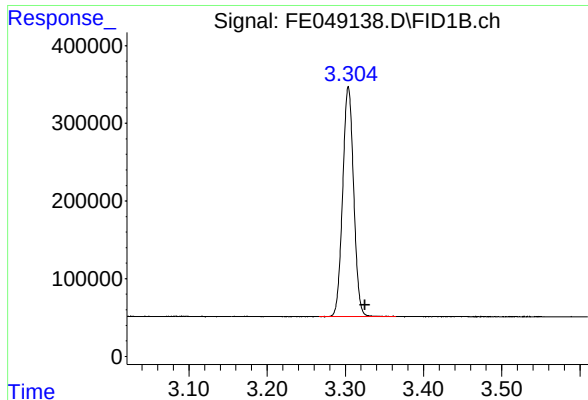
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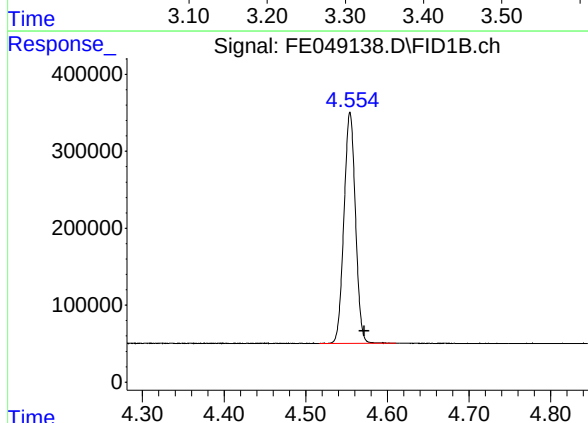




#1 n-Nonane (C9)

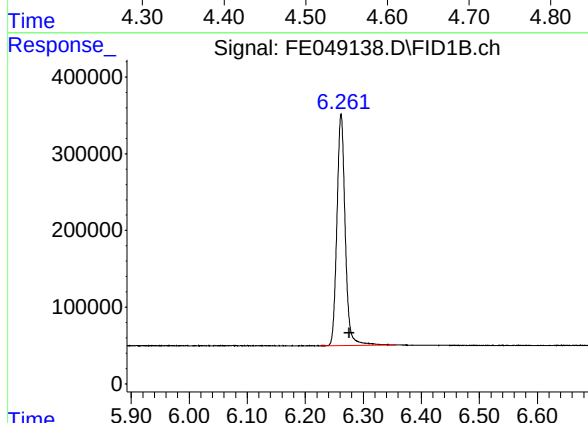
R.T.: 3.304 min
Delta R.T.: -0.021 min
Response: 2889141
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :



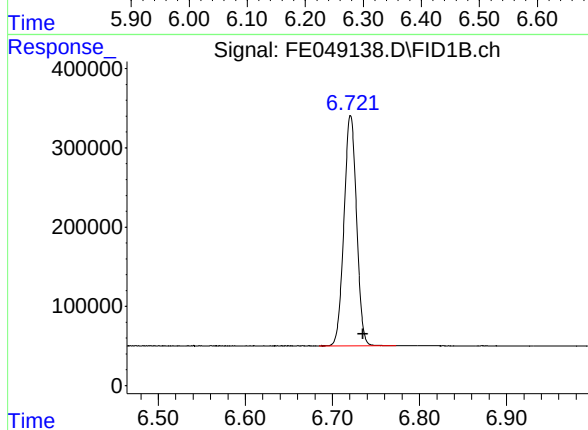
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.017 min
Response: 2936353
Conc: 19.08 ug/ml



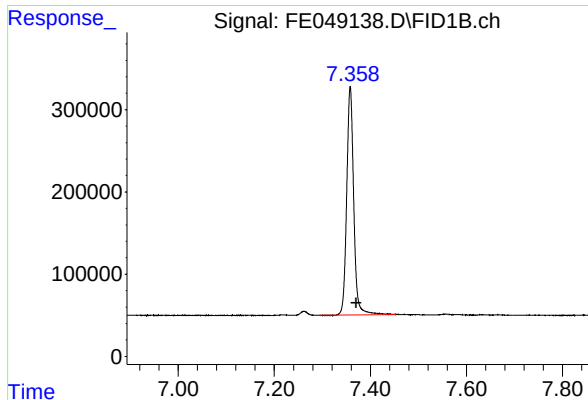
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.014 min
Response: 2992596
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

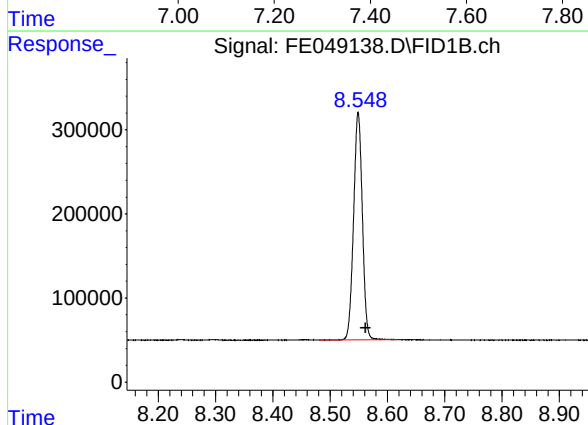
R.T.: 6.721 min
Delta R.T.: -0.014 min
Response: 2915341
Conc: 18.88 ug/ml



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

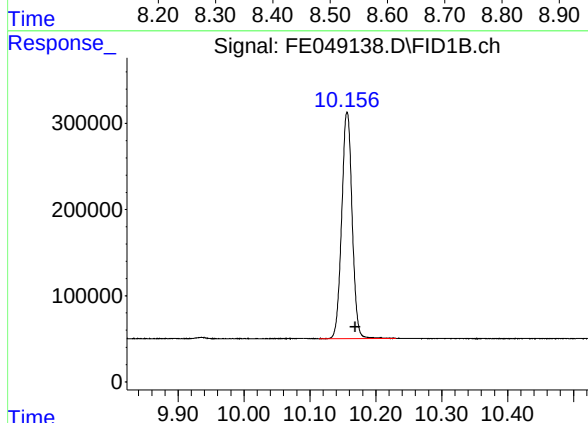
R.T.: 7.358 min
Delta R.T.: -0.012 min
Response: 2812502
Conc: 18.57 ug/ml

Instrument :
FID_E
ClientSampleId :



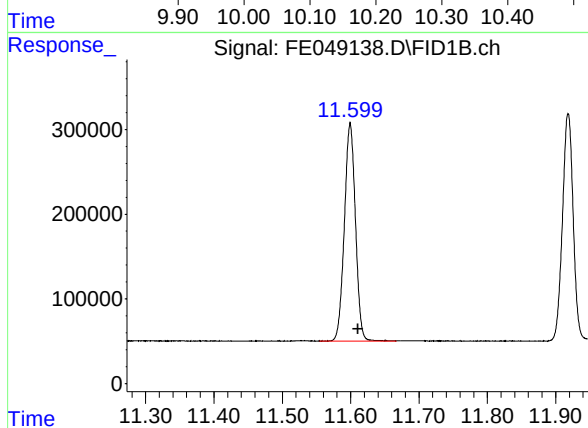
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.014 min
Response: 2877180
Conc: 18.77 ug/ml



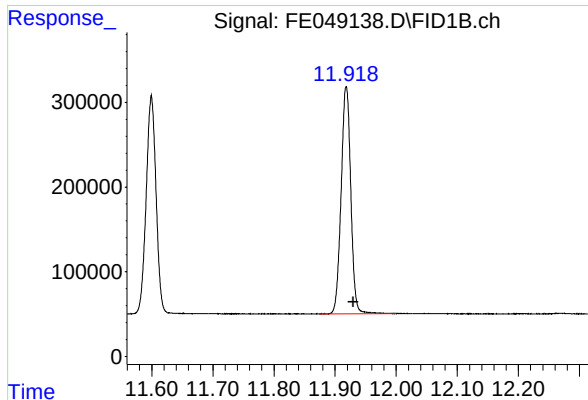
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.012 min
Response: 2895722
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

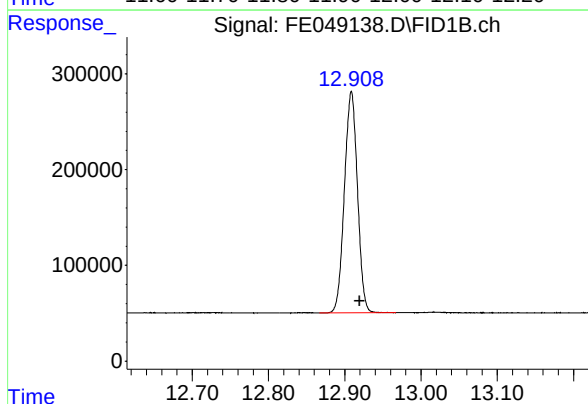
R.T.: 11.599 min
Delta R.T.: -0.012 min
Response: 2891729
Conc: 18.13 ug/ml



#9 ortho-Terphenyl (SURR)

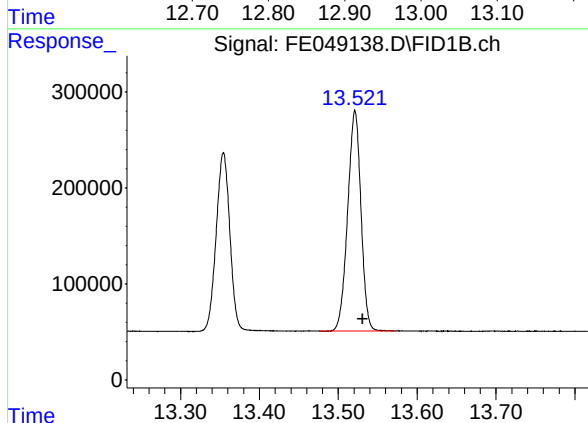
R.T.: 11.918 min
Delta R.T.: -0.011 min
Response: 2945109
Conc: 17.61 ug/ml

Instrument :
FID_E
ClientSampleId :



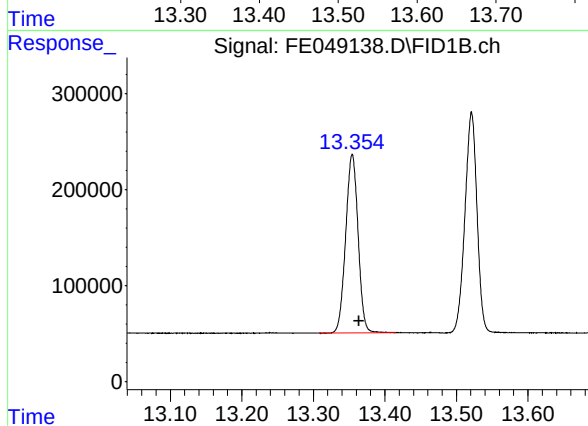
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.011 min
Response: 2750073
Conc: 17.74 ug/ml



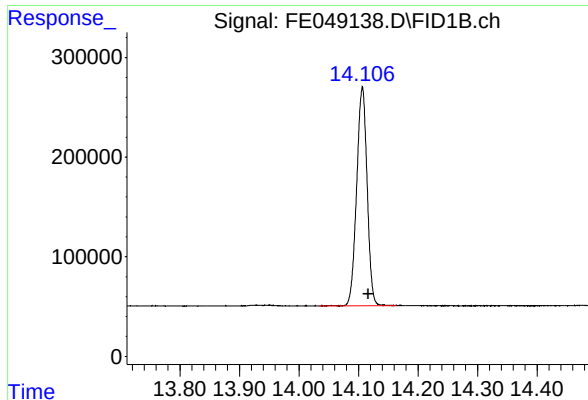
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.010 min
Response: 2693136
Conc: 17.69 ug/ml



#12 1-chlorooctadecane (SURR)

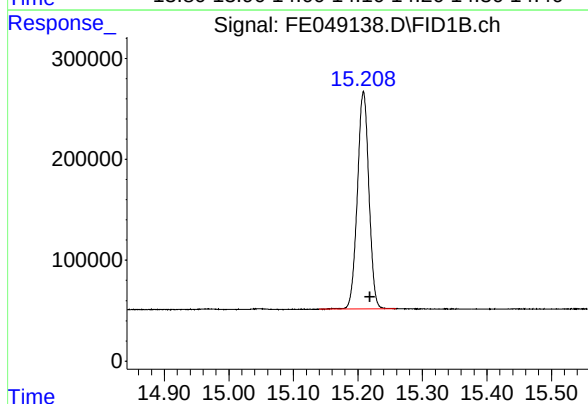
R.T.: 13.354 min
Delta R.T.: -0.009 min
Response: 2243417
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

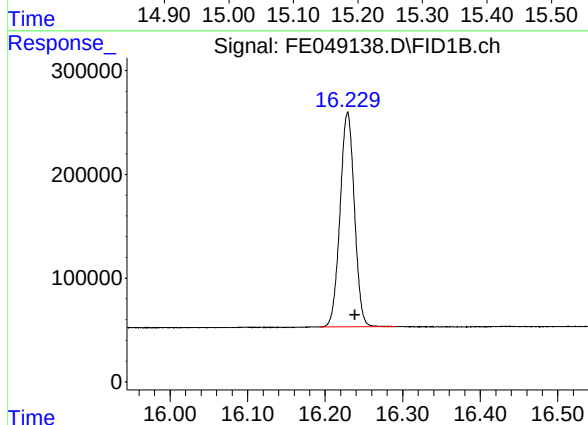
R.T.: 14.107 min
Delta R.T.: -0.010 min
Response: 2678721
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :



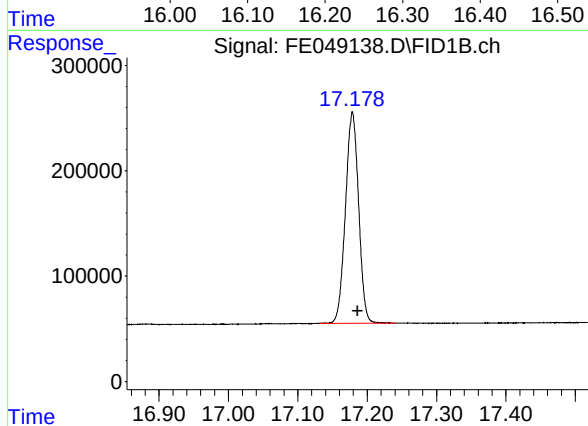
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.010 min
Response: 2677352
Conc: 17.82 ug/ml



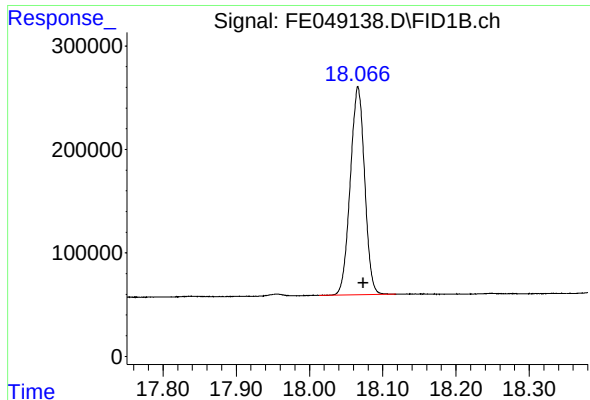
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.009 min
Response: 2664966
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

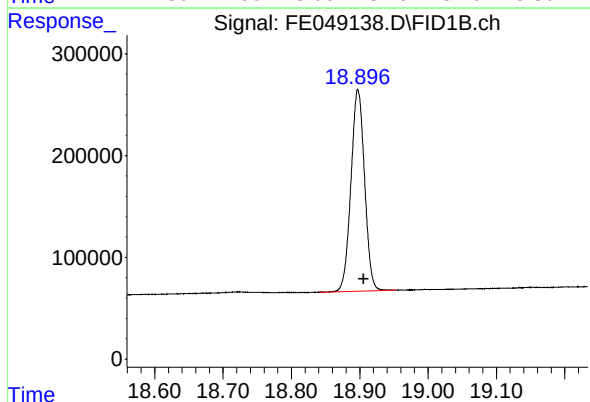
R.T.: 17.179 min
Delta R.T.: -0.007 min
Response: 2648532
Conc: 18.37 ug/ml



#17 n-Tricontane (C30)

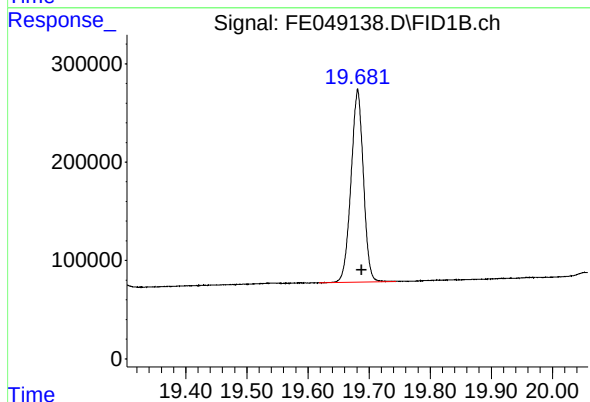
R.T.: 18.066 min
Delta R.T.: -0.007 min
Response: 2740629
Conc: 18.73 ug/ml

Instrument :
FID_E
ClientSampleId :



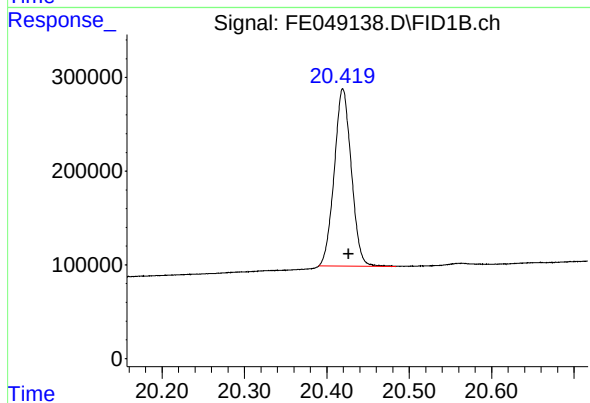
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.008 min
Response: 2744363
Conc: 19.19 ug/ml



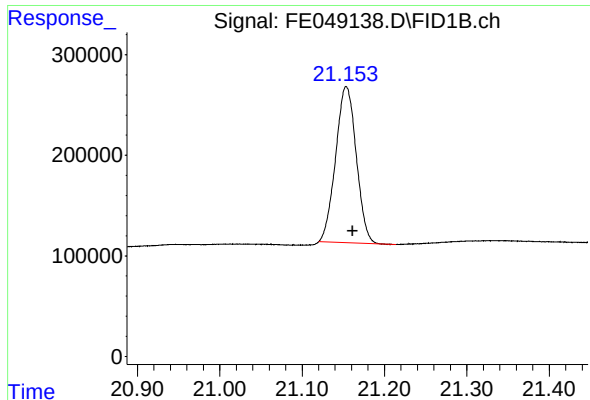
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.007 min
Response: 2751111
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

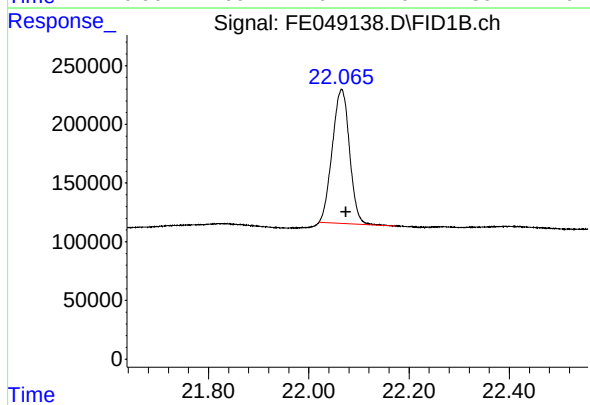
R.T.: 20.419 min
Delta R.T.: -0.007 min
Response: 2722534
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.008 min
Response: 2692551
Conc: 21.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.009 min
Response: 2720000
Conc: 22.21 ug/ml