

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041664.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 09:17
 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: May 03 02:49:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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

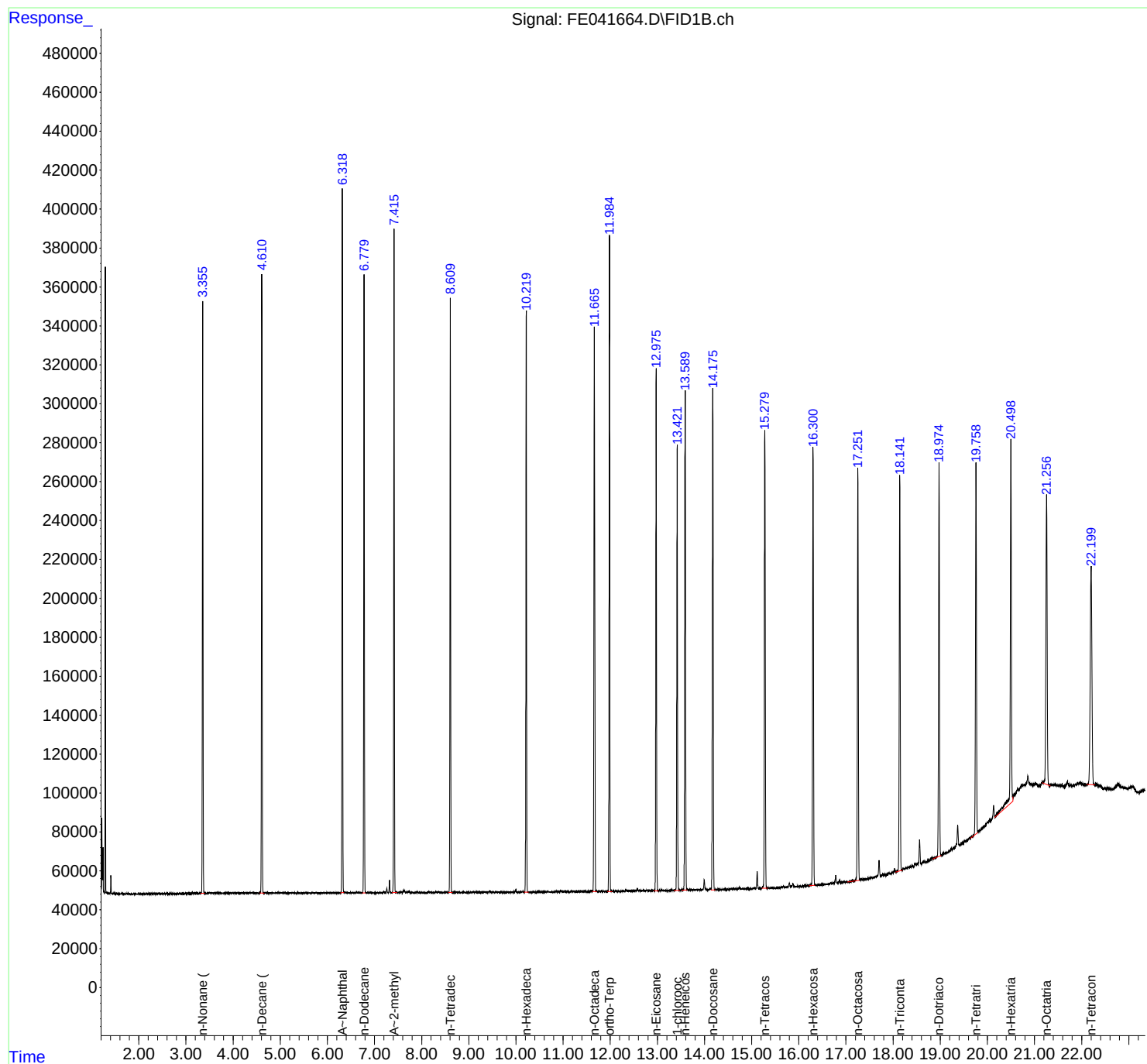
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.985	3671304	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.421	2714775	19.217 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.356	2948062	20.055 ug/ml
2) T n-Decane (C10)	4.610	3058412	20.392 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3373798	20.387 ug/ml
4) T n-Dodecane (C12)	6.780	3104303	20.417 ug/ml
5) T A~2-methylnaphthalene...	7.416	3292992	20.422 ug/ml
6) T n-Tetradecane (C14)	8.610	3105991	20.447 ug/ml
7) T n-Hexadecane (C16)	10.219	3230329	20.242 ug/ml
8) T n-Octadecane (C18)	11.665	3270018	19.950 ug/ml
10) T n-Eicosane (C20)	12.976	3137027	19.503 ug/ml
11) T n-Heneicosane (C21)	13.589	3072565	19.279 ug/ml
13) T n-Docosane (C22)	14.175	3048283	19.132 ug/ml
14) T n-Tetracosane (C24)	15.279	3017657	18.718 ug/ml
15) T n-Hexacosane (C26)	16.301	2904794	18.373 ug/ml
16) T n-Octacosane (C28)	17.252	2832834	18.410 ug/ml
17) T n-Tricontane (C30)	18.140	2886719	18.954 ug/ml
18) T n-Dotriacontane (C32)	18.974	2822402	18.945 ug/ml
19) T n-Tetratriacontane (C34)	19.758	2749905	19.520 ug/ml
20) T n-Hexatriacontane (C36)	20.498	3056433	22.855 ug/ml
21) T n-Octatriacontane (C38)	21.256	2763579	20.915 ug/ml
22) T n-Tetracontane (C40)	22.201	2804941	22.154 ug/ml

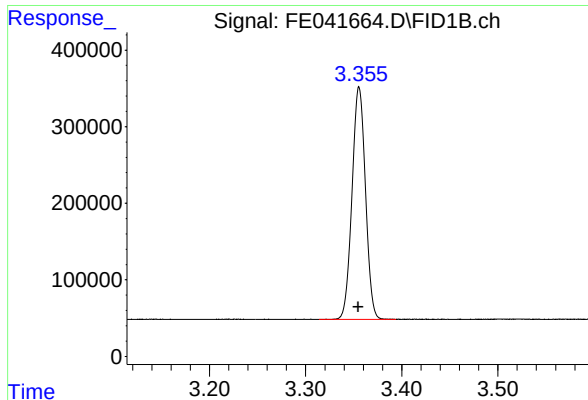
(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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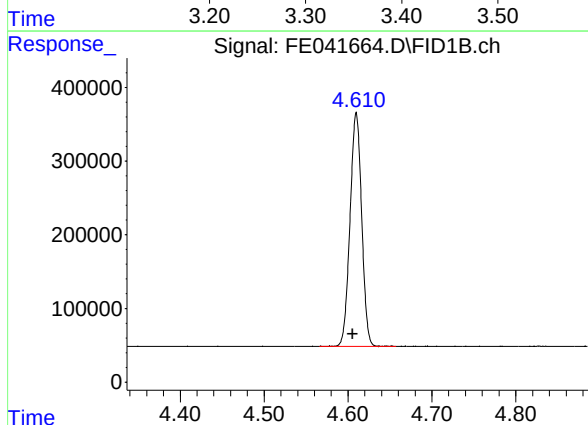




#1 n-Nonane (C9)

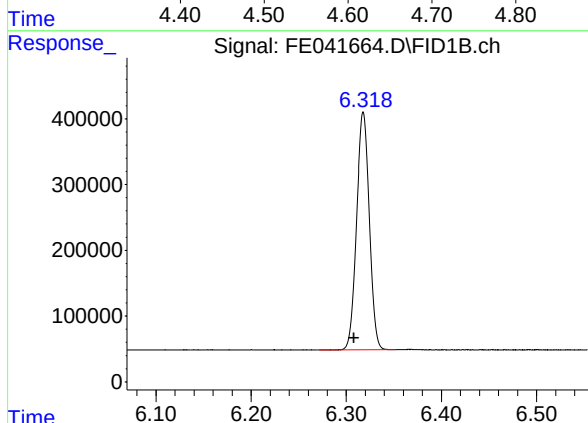
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 2948062
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :



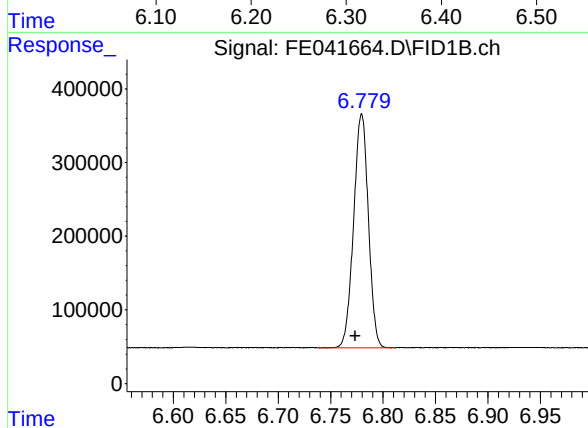
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.004 min
Response: 3058412
Conc: 20.39 ug/ml



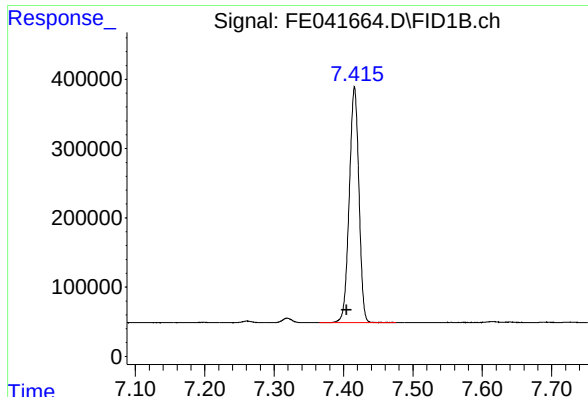
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: 0.010 min
Response: 3373798
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 3104303
Conc: 20.42 ug/ml



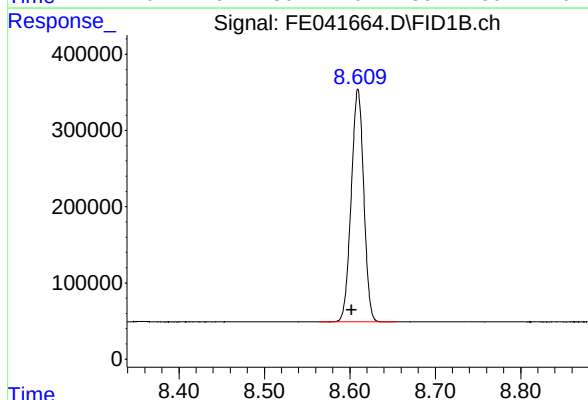
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: 0.011 min
Response: 3292992
Conc: 20.42 ug/ml

Instrument :

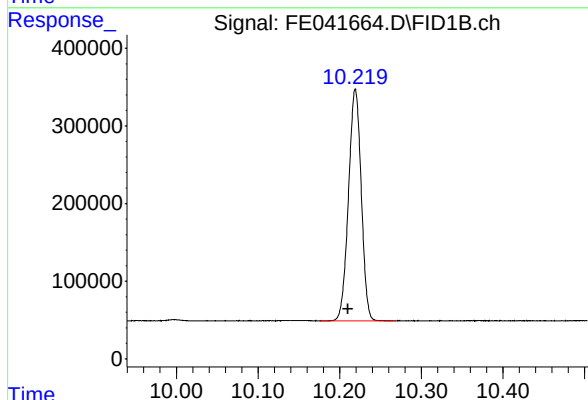
FID_E

ClientSampleId :



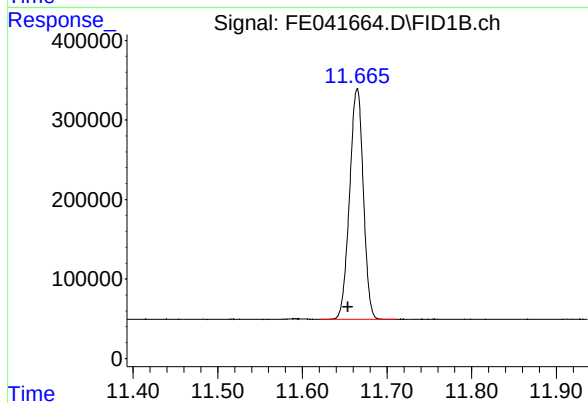
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.007 min
Response: 3105991
Conc: 20.45 ug/ml



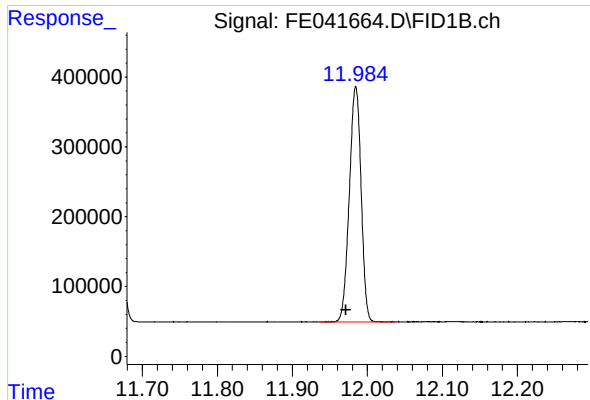
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 3230329
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

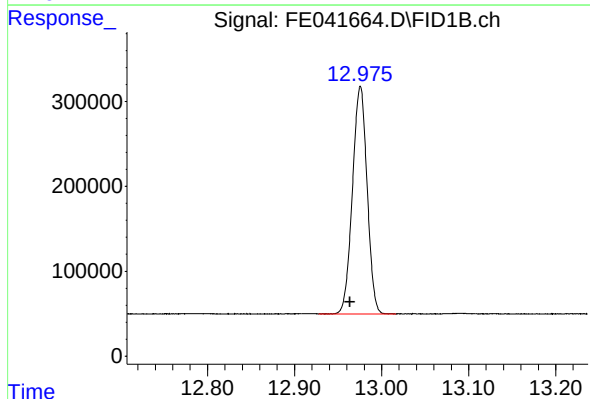
R.T.: 11.665 min
Delta R.T.: 0.011 min
Response: 3270018
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

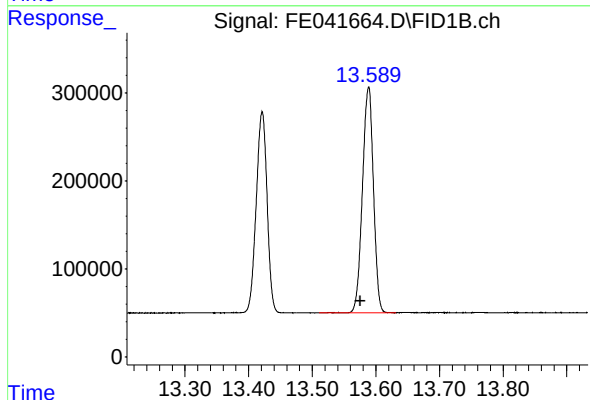
R.T.: 11.985 min
Delta R.T.: 0.013 min
Response: 3671304
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :



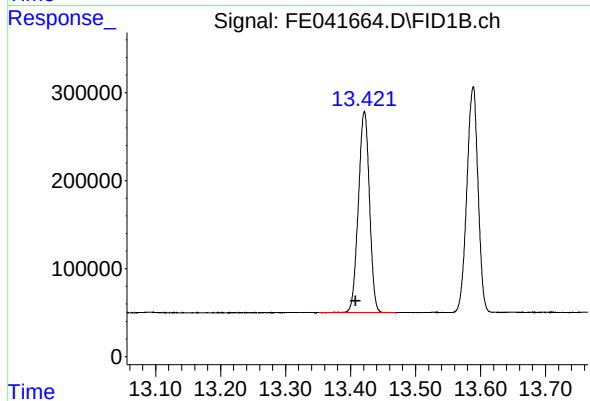
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.012 min
Response: 3137027
Conc: 19.50 ug/ml



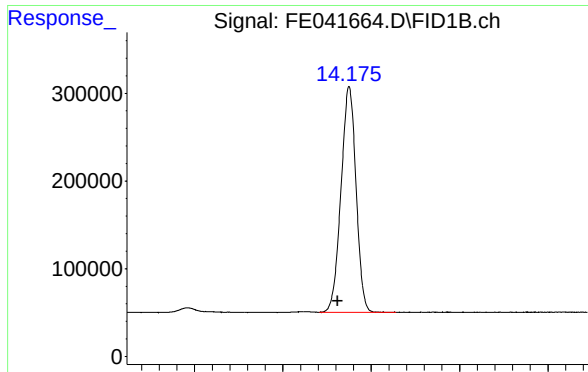
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.013 min
Response: 3072565
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

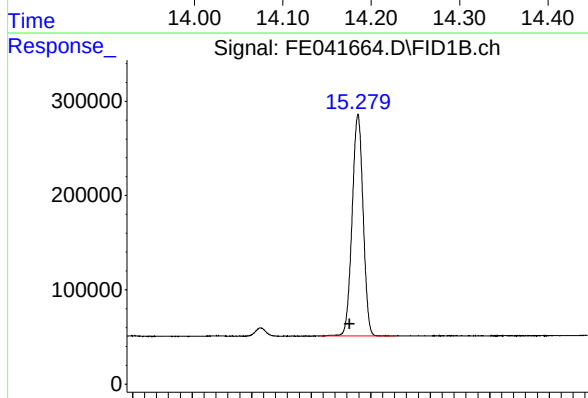
R.T.: 13.421 min
Delta R.T.: 0.014 min
Response: 2714775
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

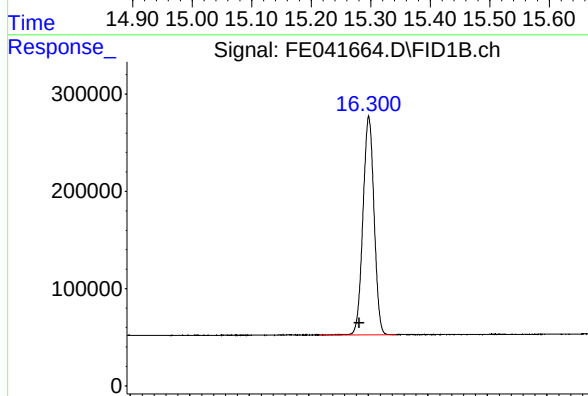
R.T.: 14.175 min
Delta R.T.: 0.013 min
Response: 3048283
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :



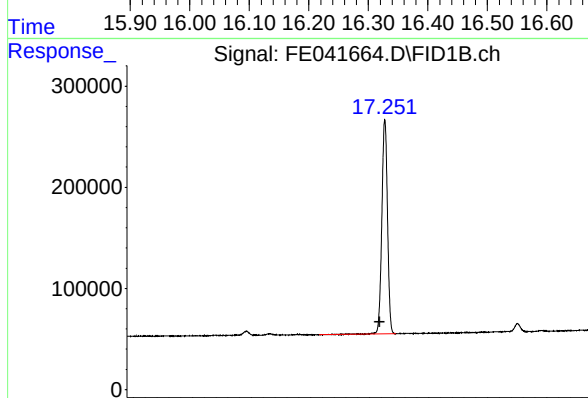
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: 0.014 min
Response: 3017657
Conc: 18.72 ug/ml



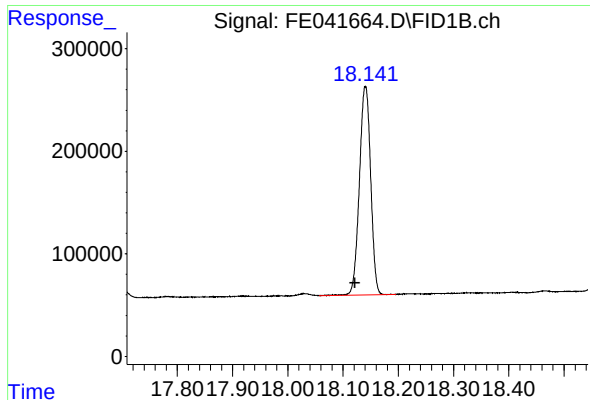
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.016 min
Response: 2904794
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

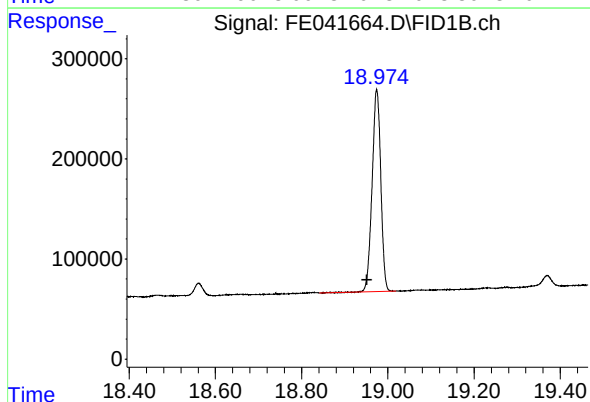
R.T.: 17.252 min
Delta R.T.: 0.018 min
Response: 2832834
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

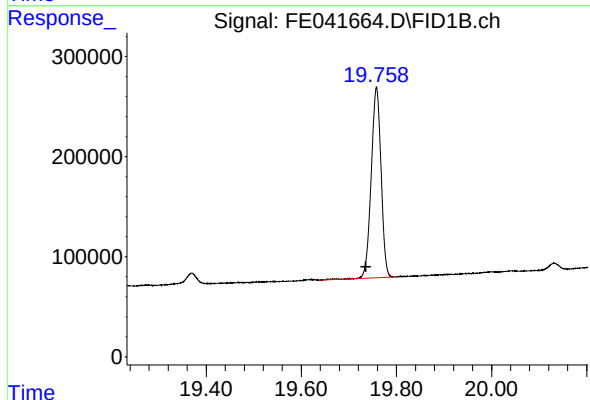
R.T.: 18.140 min
Delta R.T.: 0.019 min
Response: 2886719
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :



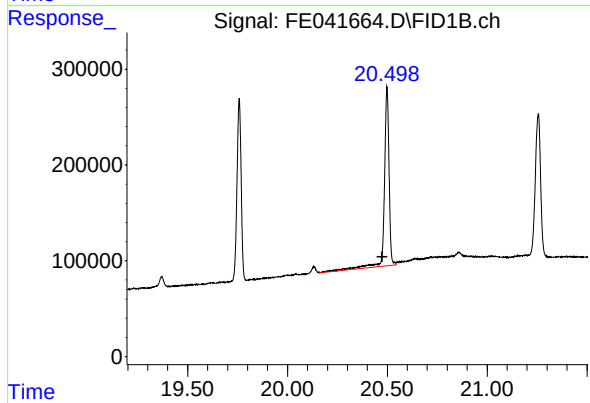
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.022 min
Response: 2822402
Conc: 18.94 ug/ml



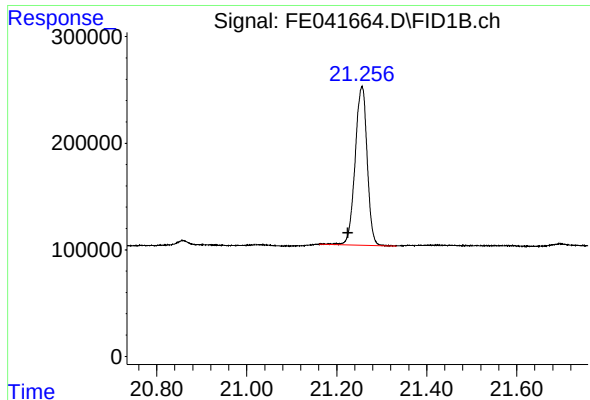
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: 0.022 min
Response: 2749905
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

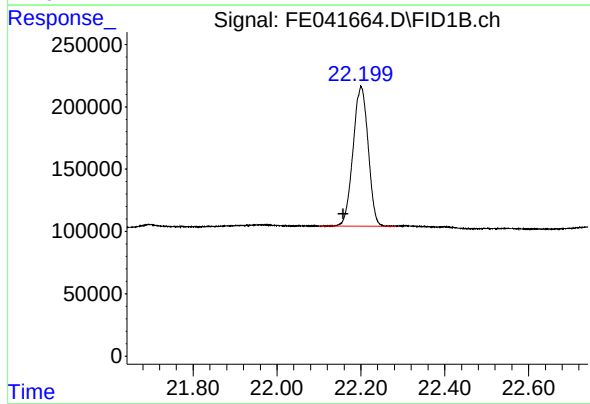
R.T.: 20.498 min
Delta R.T.: 0.022 min
Response: 3056433
Conc: 22.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: 0.032 min
Response: 2763579
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.042 min
Response: 2804941
Conc: 22.15 ug/ml