

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053178.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 23:57
 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: Apr 04 04:13:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.891	2497005	15.330 ug/ml
Spiked Amount 50.000		Recovery =	30.66%
12) S 1-chlorooctadecane (S...	13.337	1867832	15.560 ug/ml
Spiked Amount 50.000		Recovery =	31.12%
Target Compounds			
1) T n-Nonane (C9)	3.238	2152507	13.902 ug/ml
2) T n-Decane (C10)	4.499	2339176	14.913 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2506051	14.918 ug/ml
4) T n-Dodecane (C12)	6.679	2368335	15.143 ug/ml
5) T A~2-methylnaphthalene...	7.313	2420058	15.167 ug/ml
6) T n-Tetradecane (C14)	8.515	2358068	15.401 ug/ml
7) T n-Hexadecane (C16)	10.128	2422622	15.716 ug/ml
8) T n-Octadecane (C18)	11.576	2398310	15.813 ug/ml
10) T n-Eicosane (C20)	12.891	2262510	15.869 ug/ml
11) T n-Heneicosane (C21)	13.504	2189417	15.777 ug/ml
13) T n-Docosane (C22)	14.092	2177541	15.900 ug/ml
14) T n-Tetracosane (C24)	15.199	2200969	16.296 ug/ml
15) T n-Hexacosane (C26)	16.222	2188218	16.403 ug/ml
16) T n-Octacosane (C28)	17.174	2338829	17.723 ug/ml
17) T n-Tricontane (C30)	18.064	2683994	19.802 ug/ml
18) T n-Dotriacontane (C32)	18.898	2825635	20.999 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2484241	19.199 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2231068	18.782 ug/ml
21) T n-Octatriacontane (C38)	21.162	2105817	18.322 ug/ml
22) T n-Tetracontane (C40)	22.076	1808802	16.105 ug/ml

(f)=RT Delta > 1/2 Window

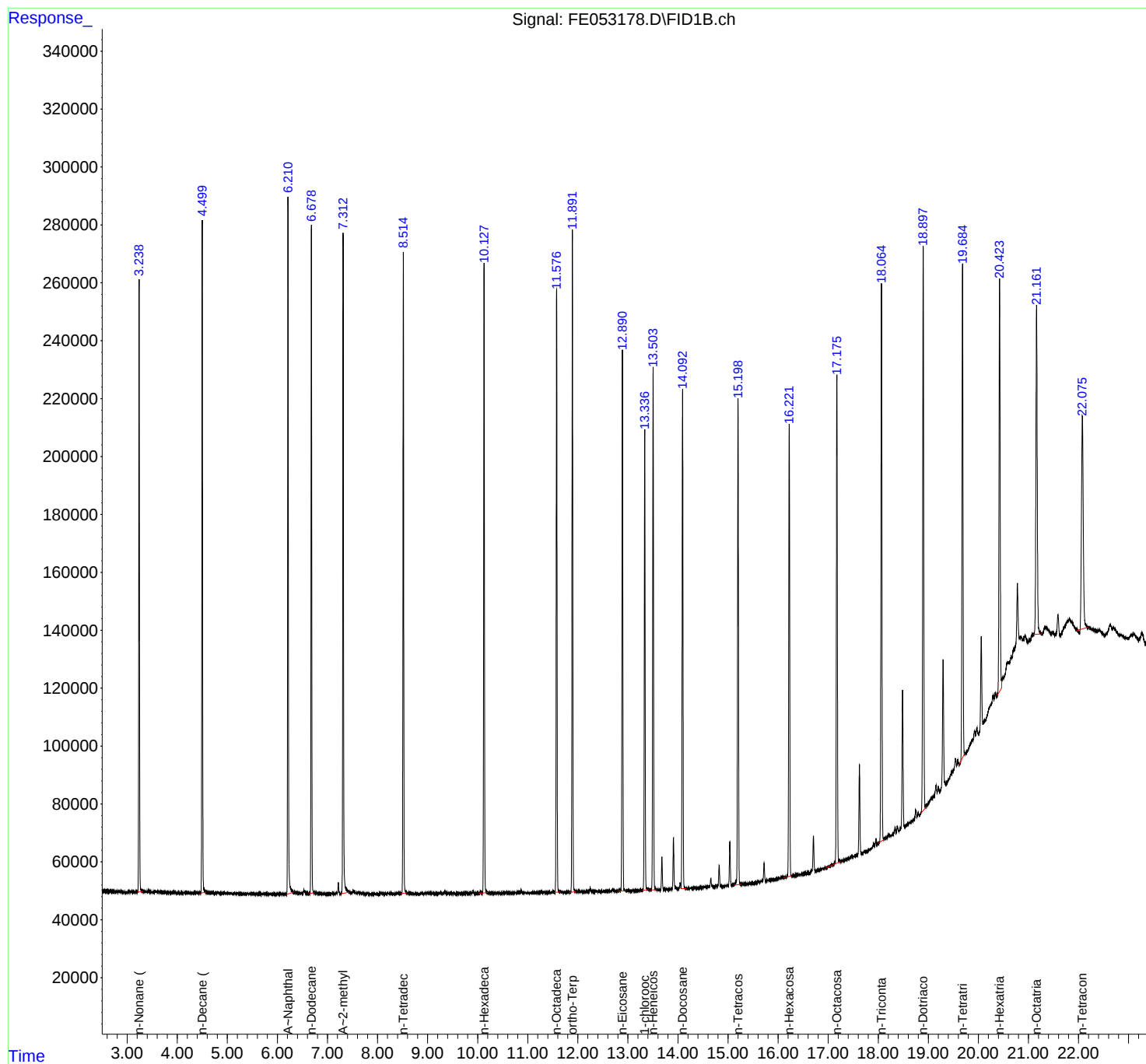
(m)=manual int.

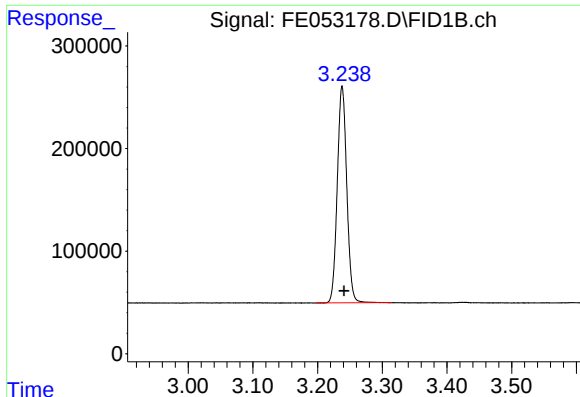
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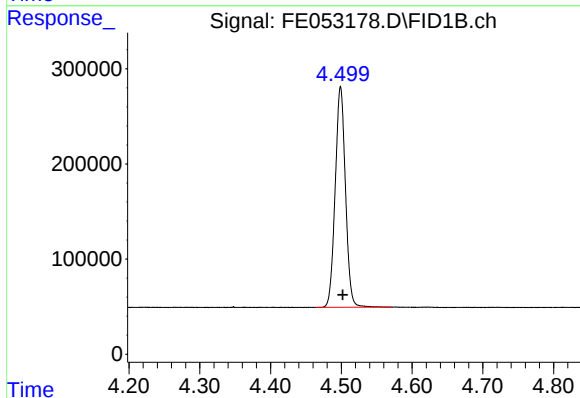




#1 n-Nonane (C9)

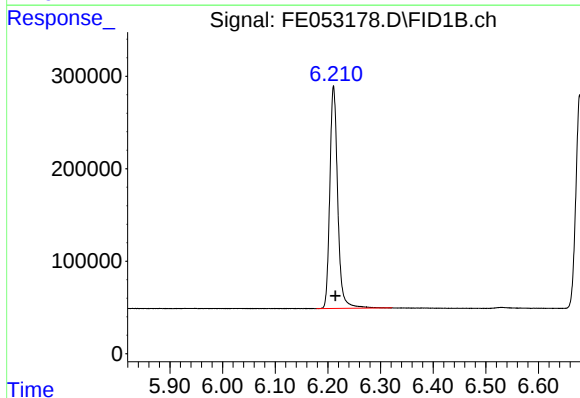
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 2152507
Conc: 13.90 ug/ml

Instrument :
FID_E
ClientSampleId :



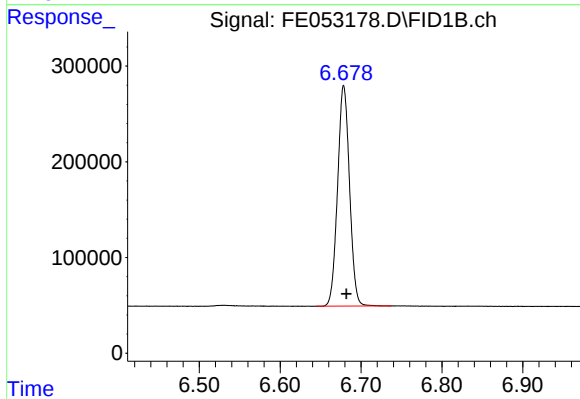
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2339176
Conc: 14.91 ug/ml



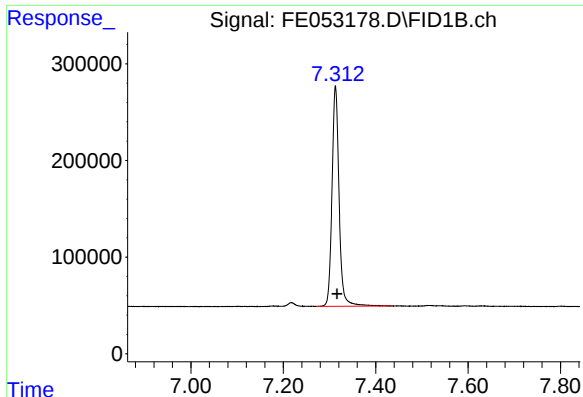
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 2506051
Conc: 14.92 ug/ml



#4 n-Dodecane (C12)

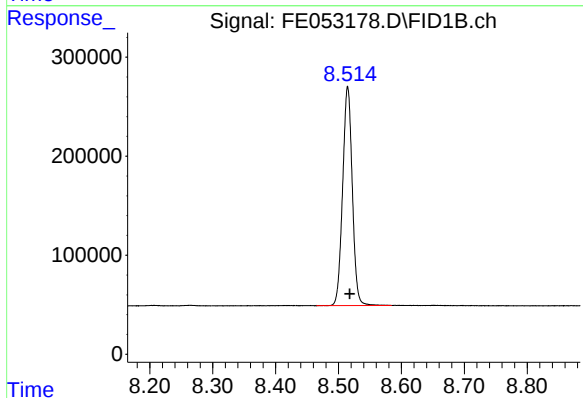
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 2368335
Conc: 15.14 ug/ml



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

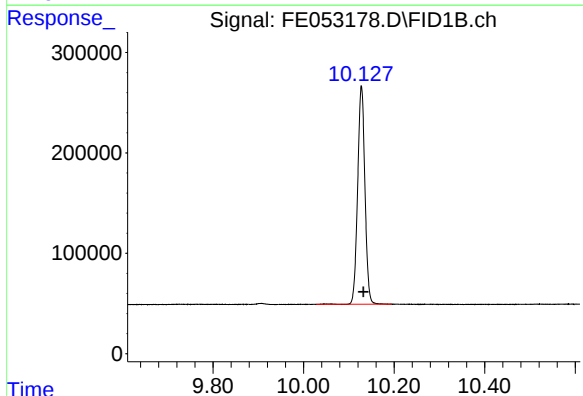
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 2420058
Conc: 15.17 ug/ml

Instrument :
FID_E
ClientSampleId :



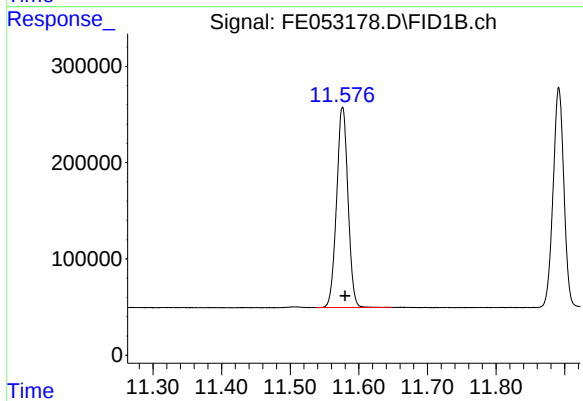
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 2358068
Conc: 15.40 ug/ml



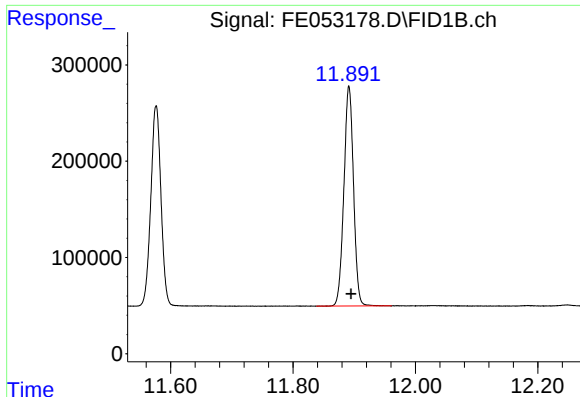
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.004 min
Response: 2422622
Conc: 15.72 ug/ml



#8 n-Octadecane (C18)

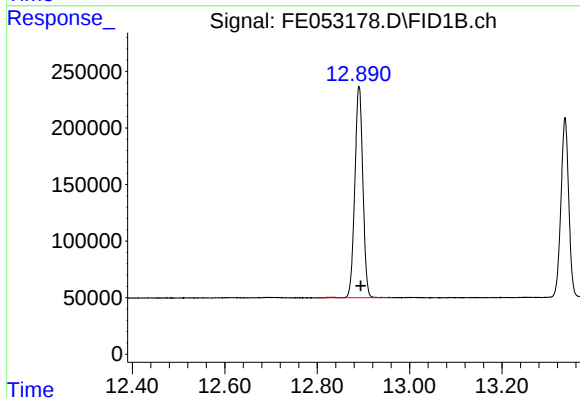
R.T.: 11.576 min
Delta R.T.: -0.004 min
Response: 2398310
Conc: 15.81 ug/ml



#9 ortho-Terphenyl (SURR)

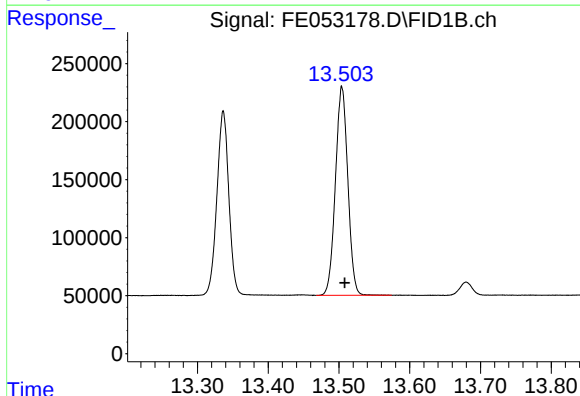
R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 2497005
Conc: 15.33 ug/ml

Instrument :
FID_E
ClientSampleId :



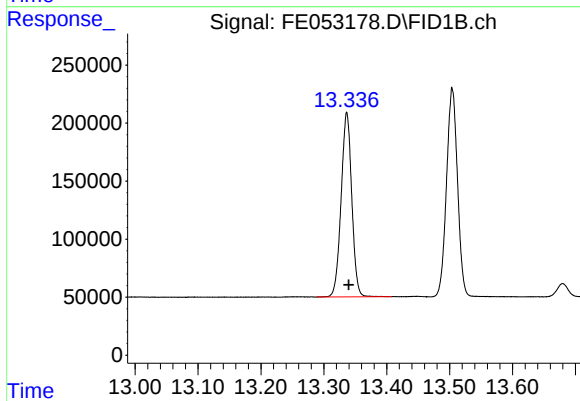
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 2262510
Conc: 15.87 ug/ml



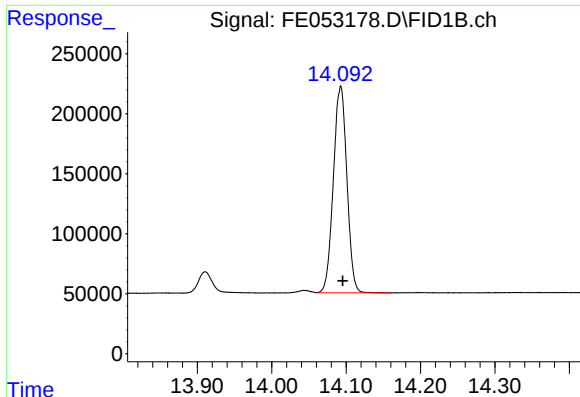
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 2189417
Conc: 15.78 ug/ml



#12 1-chlorooctadecane (SURR)

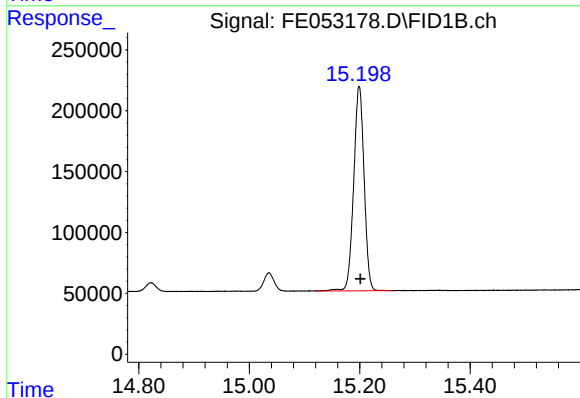
R.T.: 13.337 min
Delta R.T.: -0.003 min
Response: 1867832
Conc: 15.56 ug/ml



#13 n-Docosane (C22)

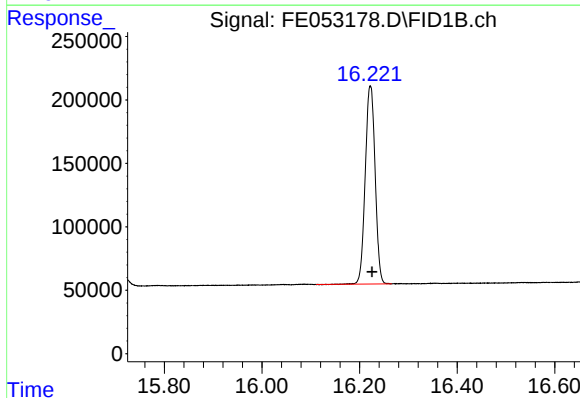
R.T.: 14.092 min
Delta R.T.: -0.003 min
Response: 2177541
Conc: 15.90 ug/ml

Instrument :
FID_E
ClientSampleId :



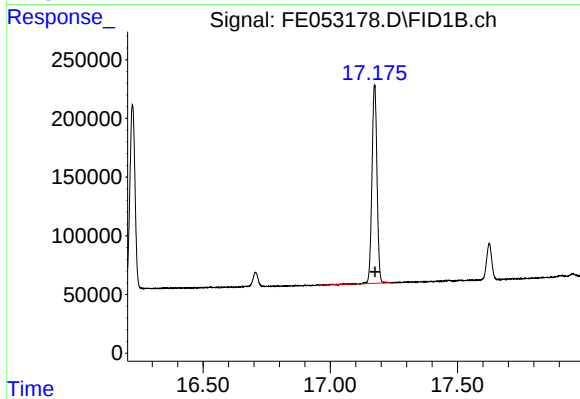
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.002 min
Response: 2200969
Conc: 16.30 ug/ml



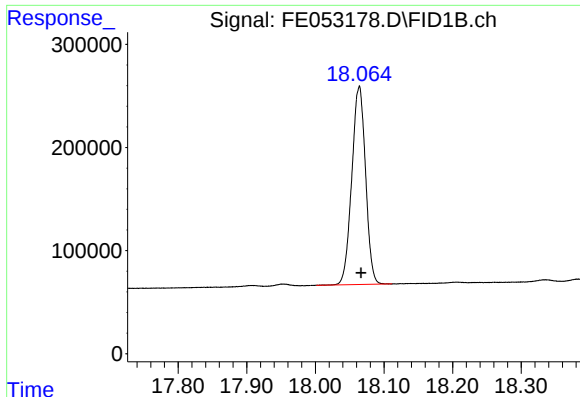
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.003 min
Response: 2188218
Conc: 16.40 ug/ml



#16 n-Octacosane (C28)

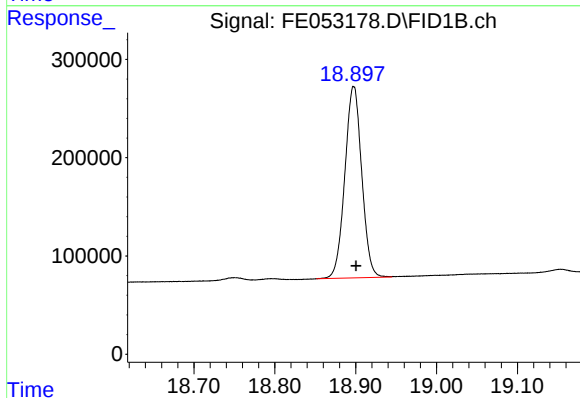
R.T.: 17.174 min
Delta R.T.: -0.003 min
Response: 2338829
Conc: 17.72 ug/ml



#17 n-Tricontane (C30)

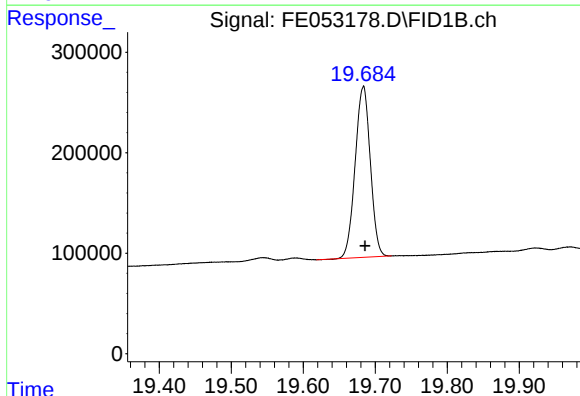
R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 2683994
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :



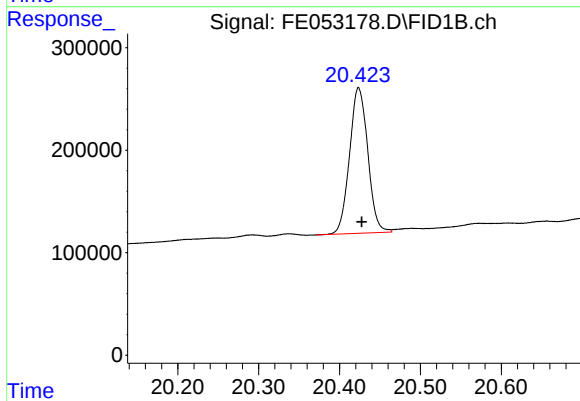
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.003 min
Response: 2825635
Conc: 21.00 ug/ml



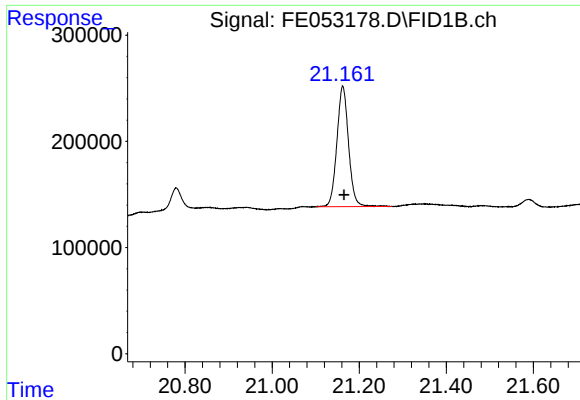
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 2484241
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

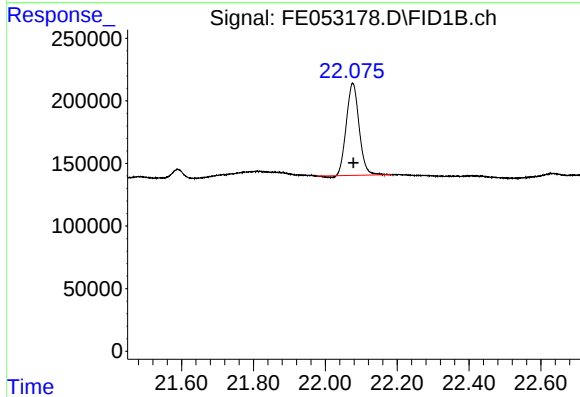
R.T.: 20.424 min
Delta R.T.: -0.004 min
Response: 2231068
Conc: 18.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.003 min
Response: 2105817
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.002 min
Response: 1808802
Conc: 16.10 ug/ml