

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052838.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 10:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 19 02:34:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.908	3170247	18.805 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
12) S 1-chlorooctadecane (S...	13.353	2353326	19.381 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
Target Compounds			
1) T n-Nonane (C9)	3.248	2933669	18.921 ug/ml
2) T n-Decane (C10)	4.510	3057926	19.465 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3282202	19.354 ug/ml
4) T n-Dodecane (C12)	6.691	3048184	19.577 ug/ml
5) T A~2-methylnaphthalene...	7.327	3141699	19.386 ug/ml
6) T n-Tetradecane (C14)	8.528	2980831	19.700 ug/ml
7) T n-Hexadecane (C16)	10.142	3026290	19.794 ug/ml
8) T n-Octadecane (C18)	11.592	2988995	19.646 ug/ml
10) T n-Eicosane (C20)	12.907	2831183	19.502 ug/ml
11) T n-Heneicosane (C21)	13.521	2757765	19.376 ug/ml
13) T n-Docosane (C22)	14.109	2765635	19.434 ug/ml
14) T n-Tetracosane (C24)	15.216	2814106	19.664 ug/ml
15) T n-Hexacosane (C26)	16.240	2814905	19.796 ug/ml
16) T n-Octacosane (C28)	17.193	2910507	20.468 ug/ml
17) T n-Tricontane (C30)	18.084	3177296	21.512 ug/ml
18) T n-Dotriacontane (C32)	18.918	3214313	22.140 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2862696	21.240 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2484986	20.913 ug/ml
21) T n-Octatriacontane (C38)	21.187	2370410	21.367 ug/ml
22) T n-Tetracontane (C40)	22.109	2271197	21.007 ug/ml

(f)=RT Delta > 1/2 Window

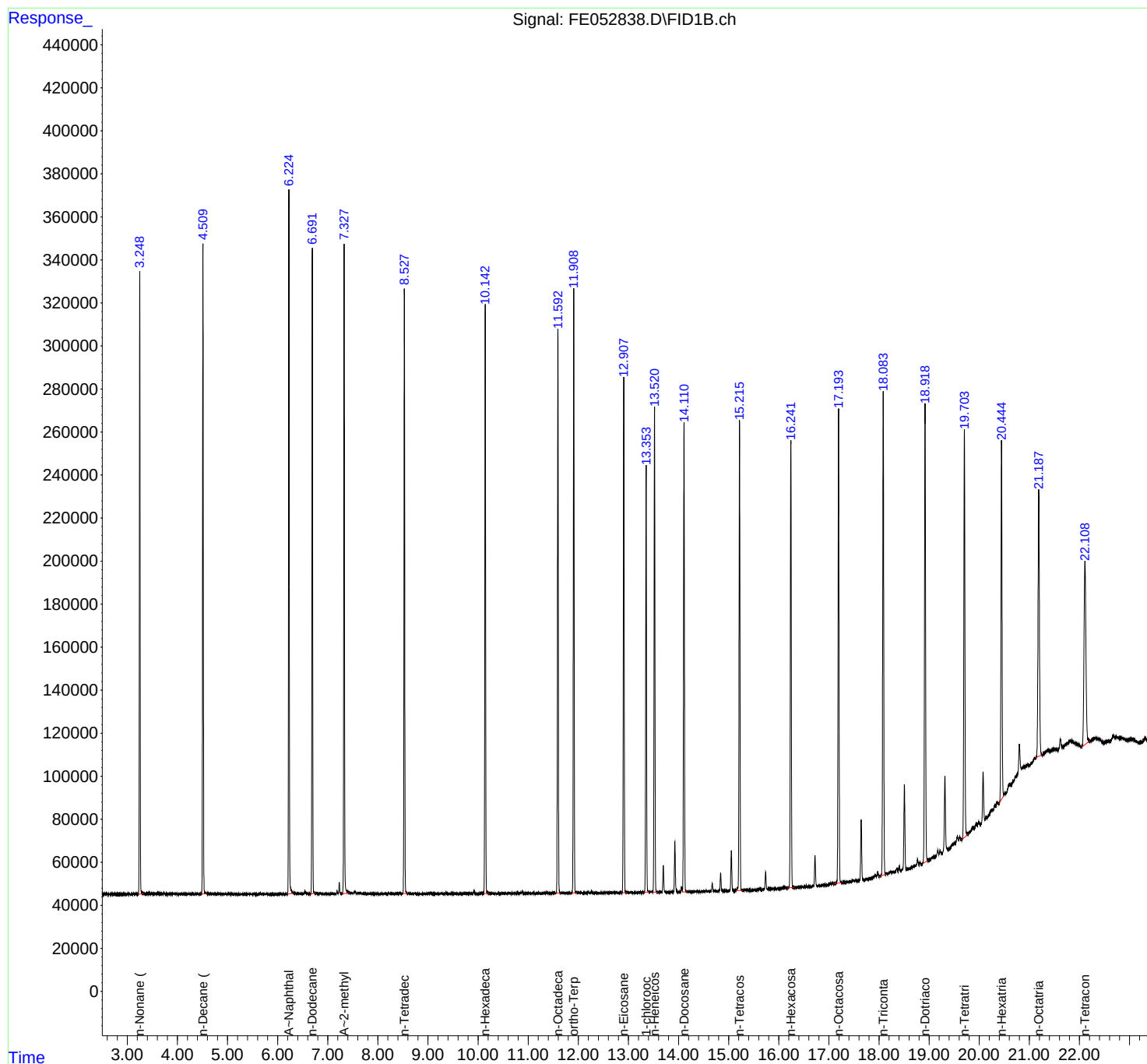
(m)=manual int.

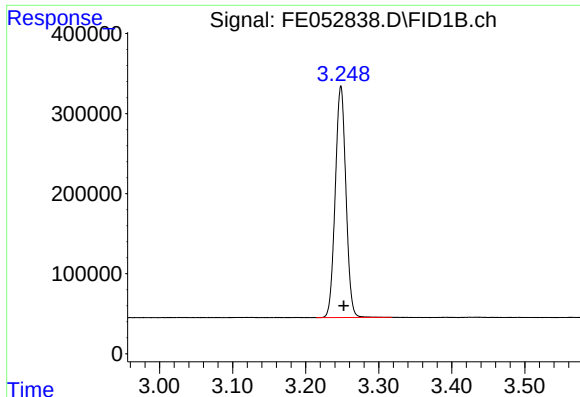
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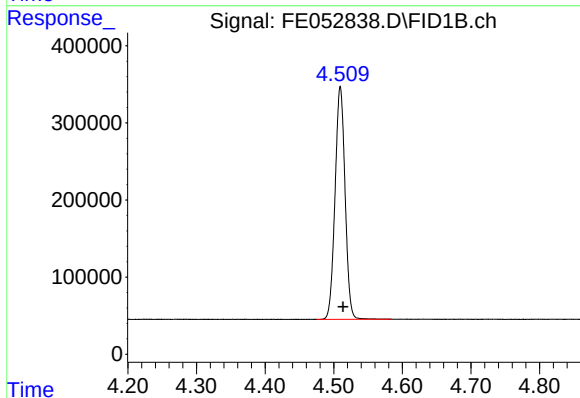




#1 n-Nonane (C9)

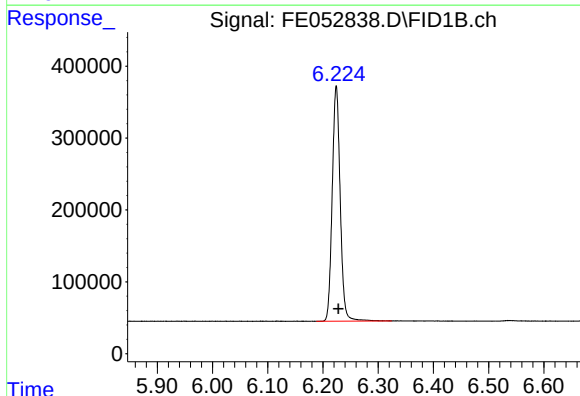
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 2933669
Conc: 18.92 ug/ml

Instrument :
FID_E
ClientSampleId :



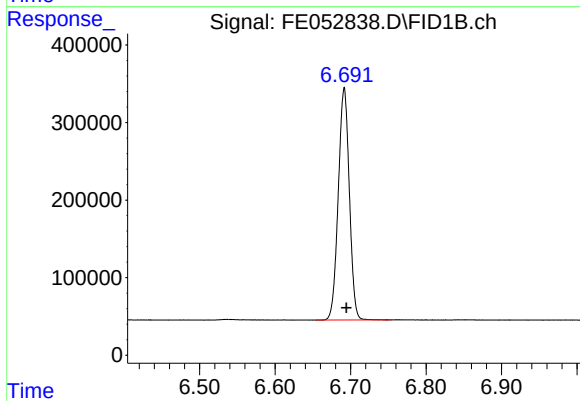
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 3057926
Conc: 19.47 ug/ml



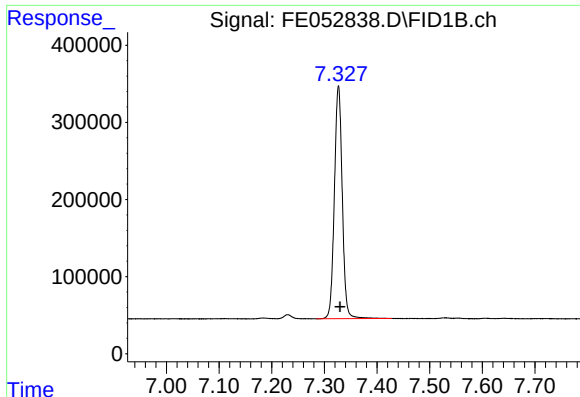
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3282202
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

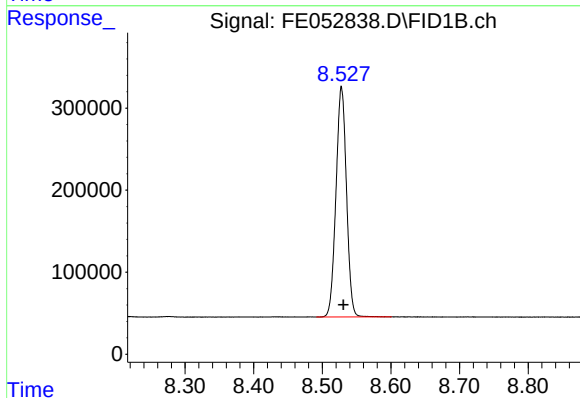
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 3048184
Conc: 19.58 ug/ml



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

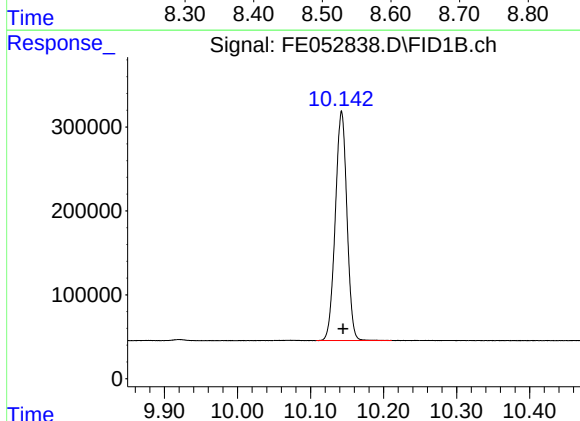
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 3141699
Conc: 19.39 ug/ml

Instrument :
FID_E
ClientSampleId :



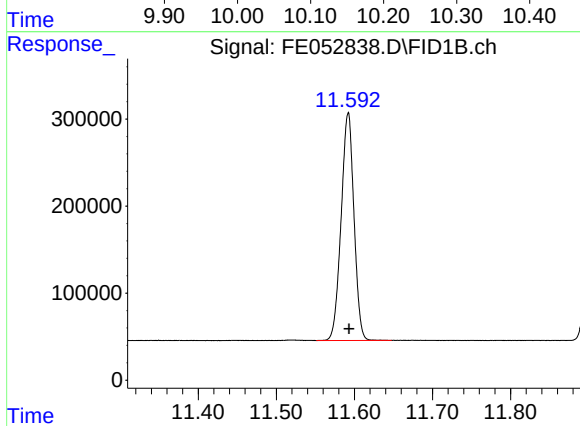
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2980831
Conc: 19.70 ug/ml



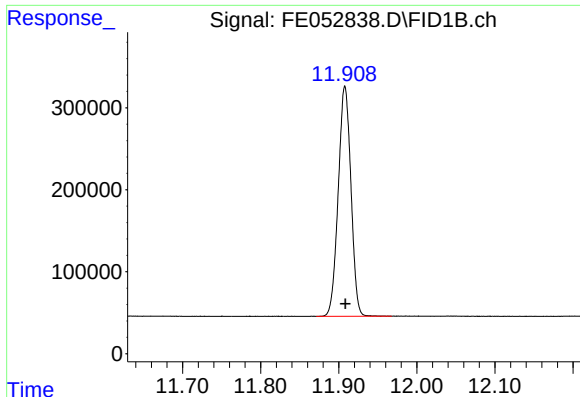
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.002 min
Response: 3026290
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

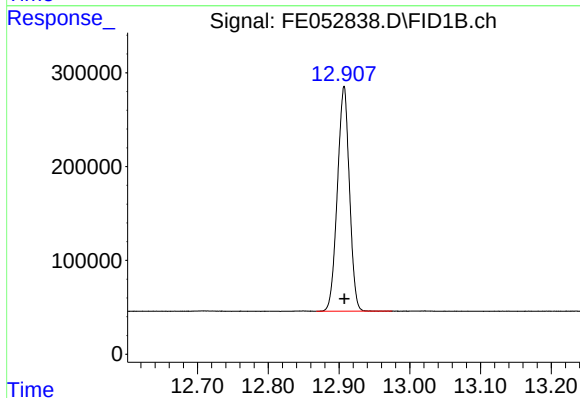
R.T.: 11.592 min
Delta R.T.: -0.001 min
Response: 2988995
Conc: 19.65 ug/ml



#9 ortho-Terphenyl (SURR)

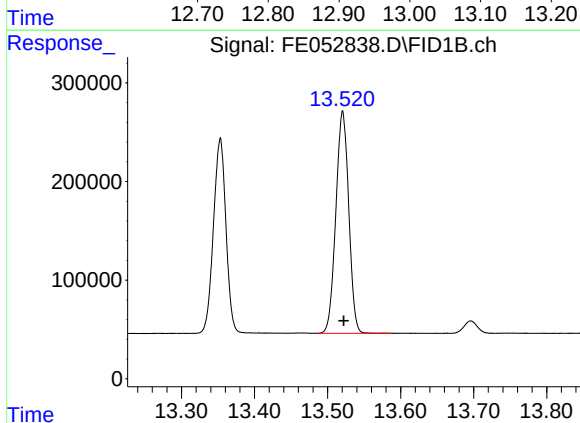
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 3170247
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :



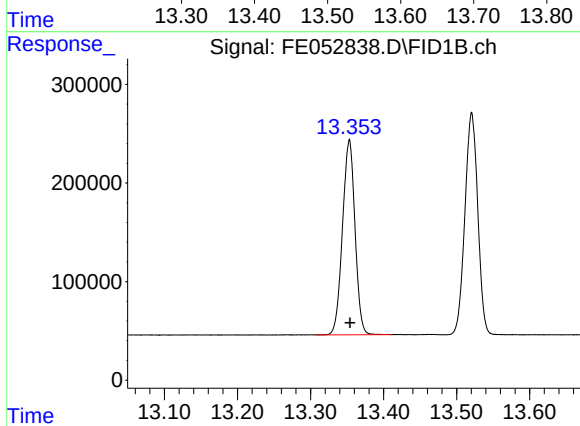
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 2831183
Conc: 19.50 ug/ml



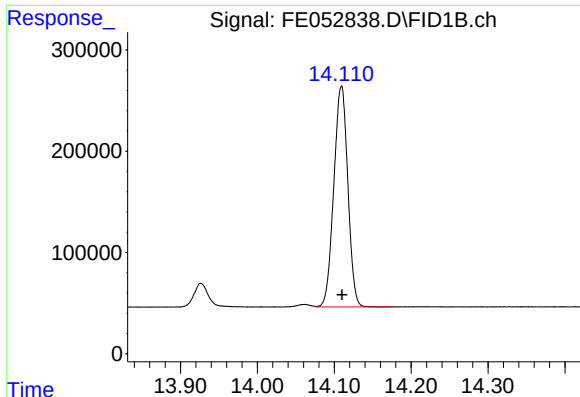
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.002 min
Response: 2757765
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

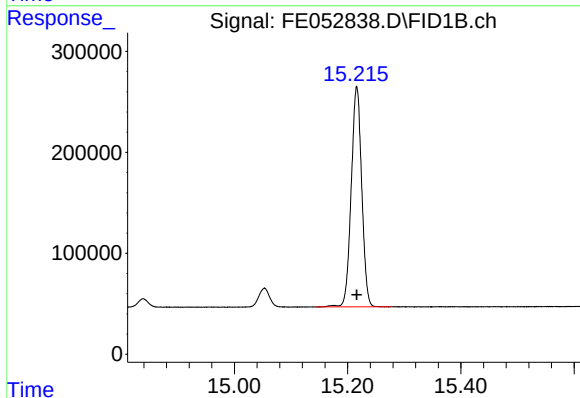
R.T.: 13.353 min
Delta R.T.: -0.001 min
Response: 2353326
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

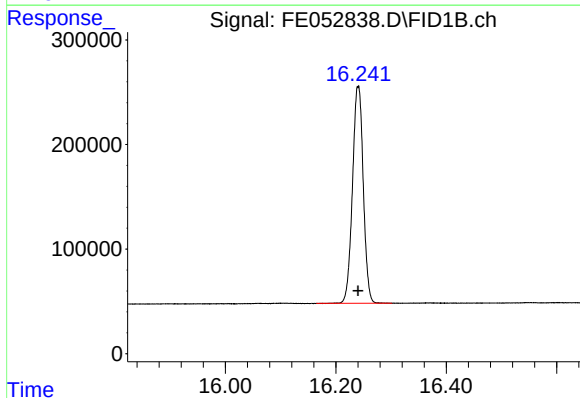
R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 2765635
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :



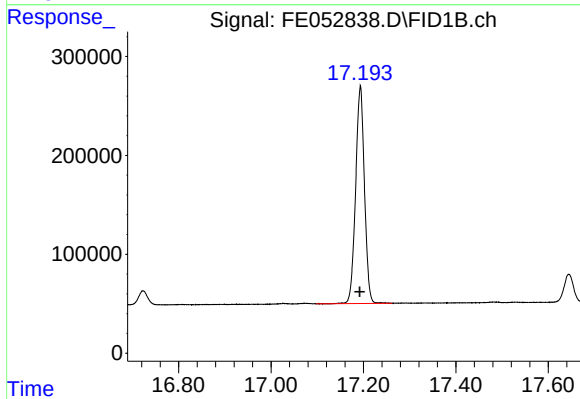
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 2814106
Conc: 19.66 ug/ml



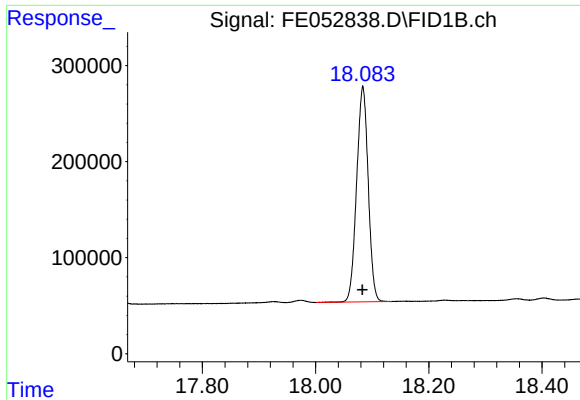
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 2814905
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

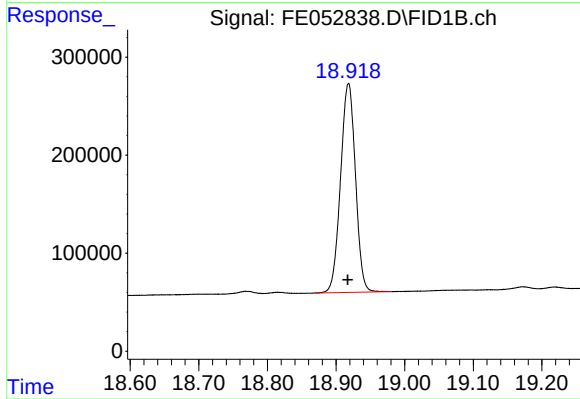
R.T.: 17.193 min
Delta R.T.: 0.001 min
Response: 2910507
Conc: 20.47 ug/ml



#17 n-Tricontane (C30)

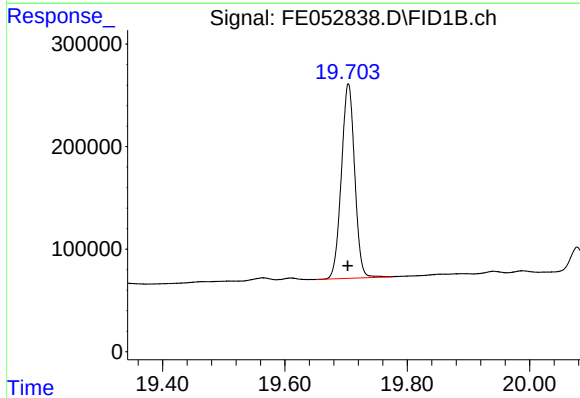
R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 3177296
Conc: 21.51 ug/ml

Instrument :
FID_E
ClientSampleId :



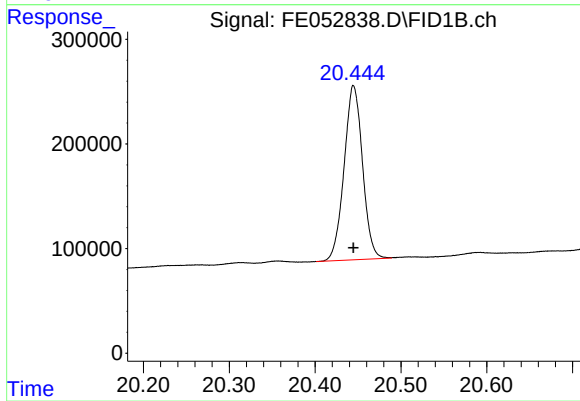
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 3214313
Conc: 22.14 ug/ml



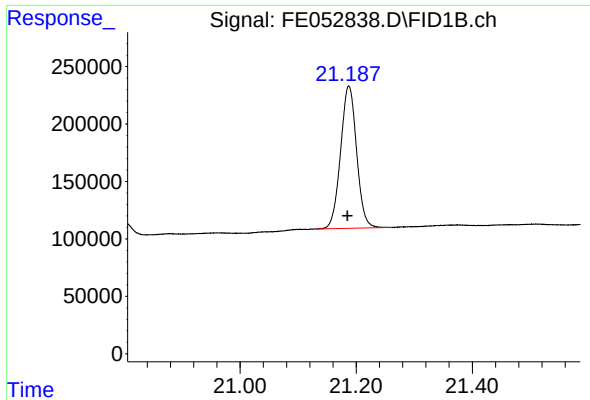
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.001 min
Response: 2862696
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

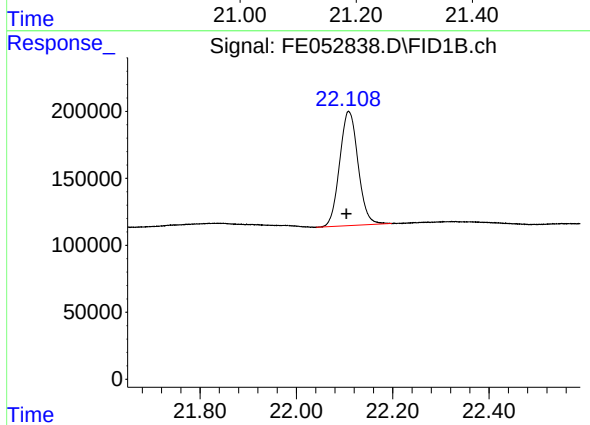
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 2484986
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.003 min
Response: 2370410
Conc: 21.37 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.004 min
Response: 2271197
Conc: 21.01 ug/ml