

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041463.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 22:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 21 04:34:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:32:36 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)	11.971	3759209	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.407	2811012	19.898 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T n-Nonane (C9)	3.356	2970882	20.211 ug/ml
2) T n-Decane (C10)	4.606	3037140	20.250 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3348370	20.233 ug/ml
4) T n-Dodecane (C12)	6.774	3080341	20.260 ug/ml
5) T A~2-methylnaphthalene...	7.404	3264816	20.247 ug/ml
6) T n-Tetradecane (C14)	8.602	3079689	20.274 ug/ml
7) T n-Hexadecane (C16)	10.209	3217799	20.164 ug/ml
8) T n-Octadecane (C18)	11.653	3297010	20.114 ug/ml
10) T n-Eicosane (C20)	12.962	3211792	19.968 ug/ml
11) T n-Heneicosane (C21)	13.574	3173732	19.914 ug/ml
13) T n-Docosane (C22)	14.161	3167056	19.877 ug/ml
14) T n-Tetracosane (C24)	15.264	3177447	19.709 ug/ml
15) T n-Hexacosane (C26)	16.284	3116515	19.713 ug/ml
16) T n-Octacosane (C28)	17.233	3023721	19.651 ug/ml
17) T n-Tricontane (C30)	18.121	2997586	19.682 ug/ml
18) T n-Dotriacontane (C32)	18.952	2950173	19.803 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2813408	19.971 ug/ml
20) T n-Hexatriacontane (C36)	20.474	2584715	19.328 ug/ml
21) T n-Octatriacontane (C38)	21.222	2607760	19.736 ug/ml
22) T n-Tetracontane (C40)	22.157	2546967	20.116 ug/ml

(f)=RT Delta > 1/2 Window

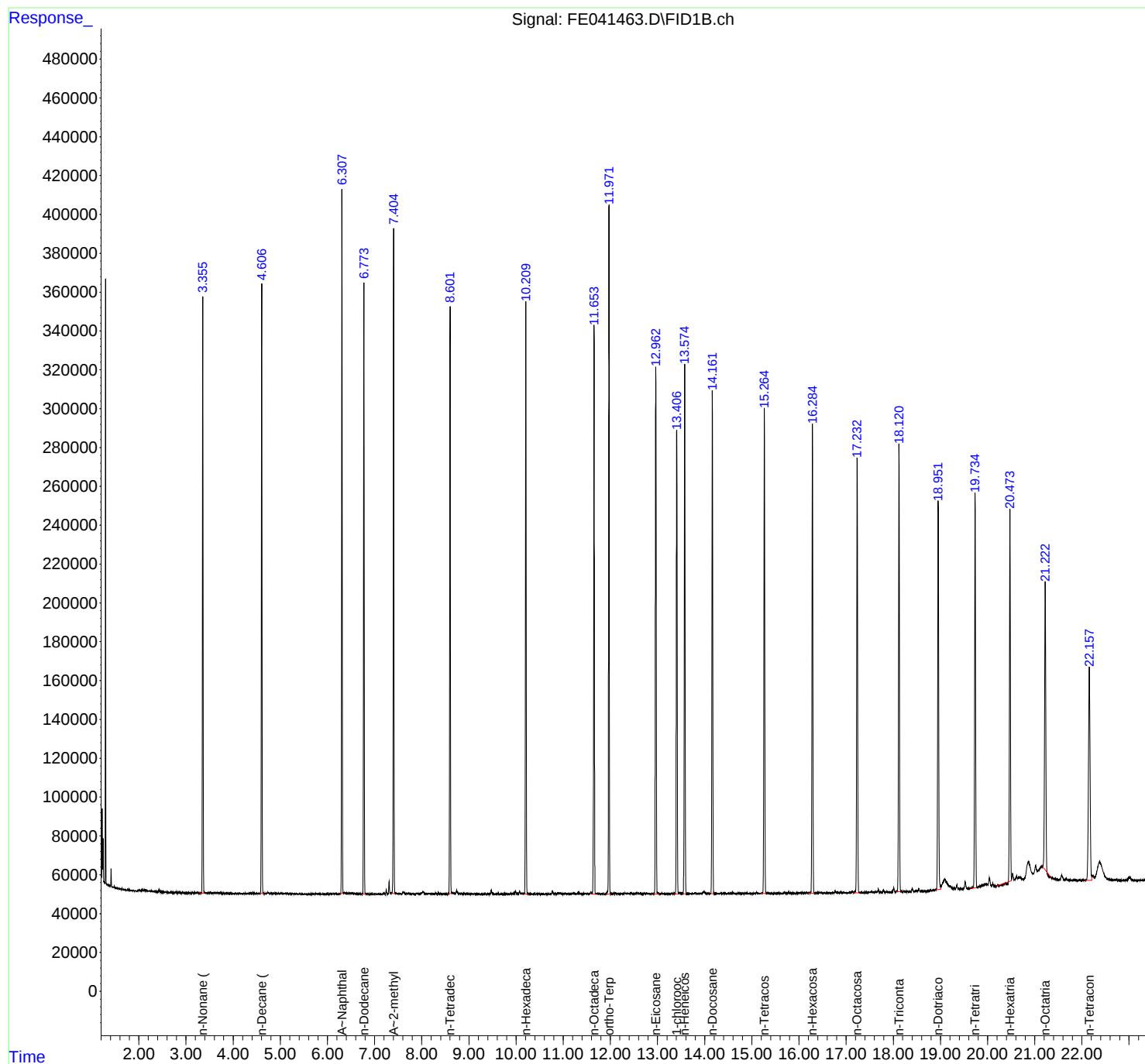
(m)=manual int.

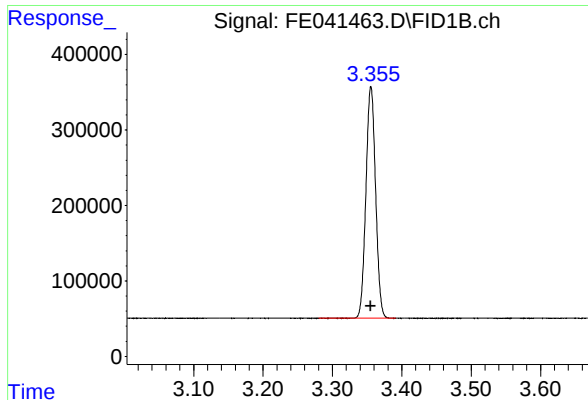
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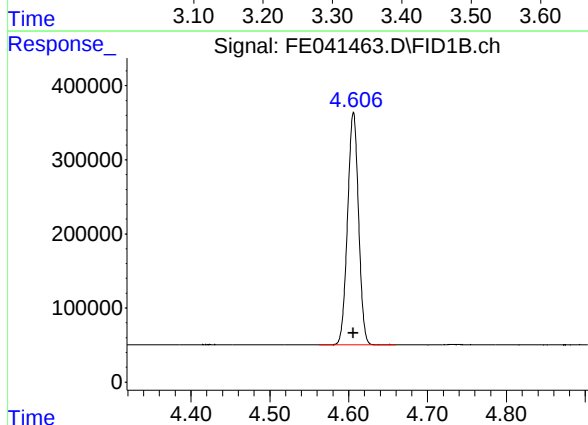




#1 n-Nonane (C9)

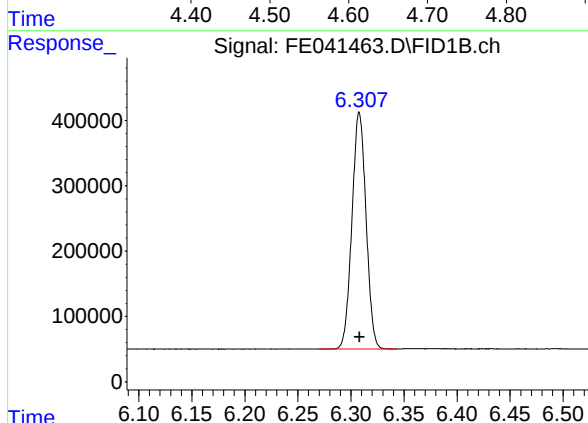
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 2970882
Conc: 20.21 ug/ml

Instrument : FID_E
ClientSampleId :



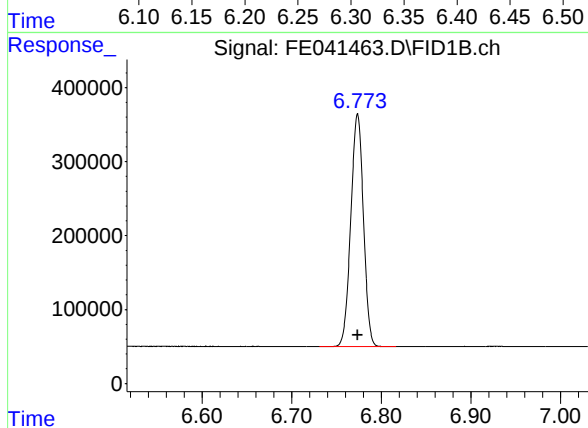
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3037140
Conc: 20.25 ug/ml



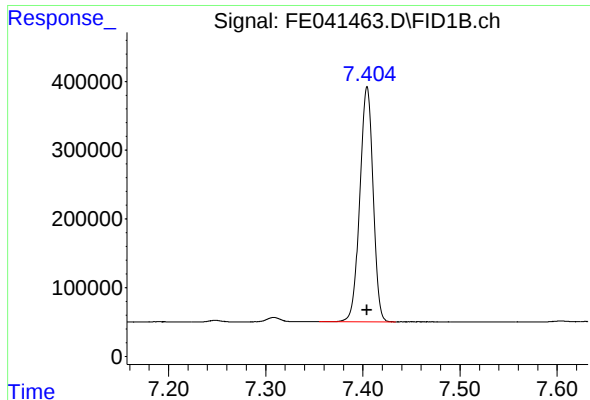
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3348370
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

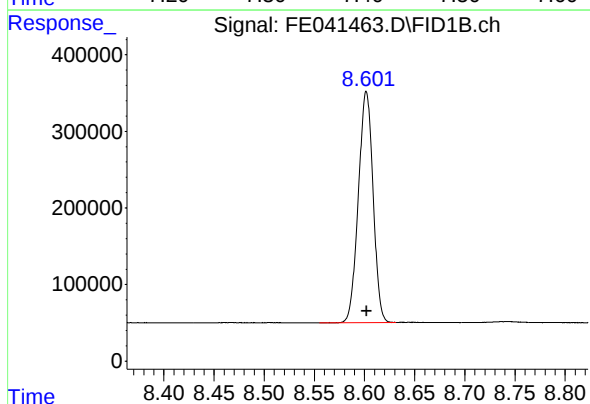
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 3080341
Conc: 20.26 ug/ml



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

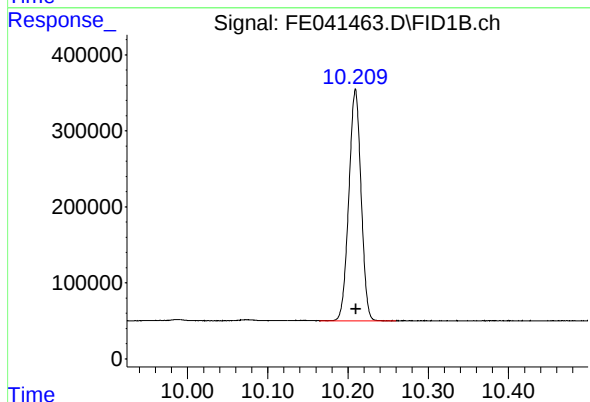
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3264816
Conc: 20.25 ug/ml

Instrument :
FID_E
ClientSampleId :



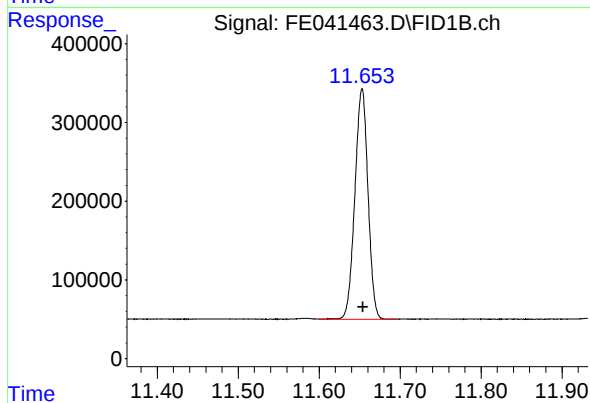
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 3079689
Conc: 20.27 ug/ml



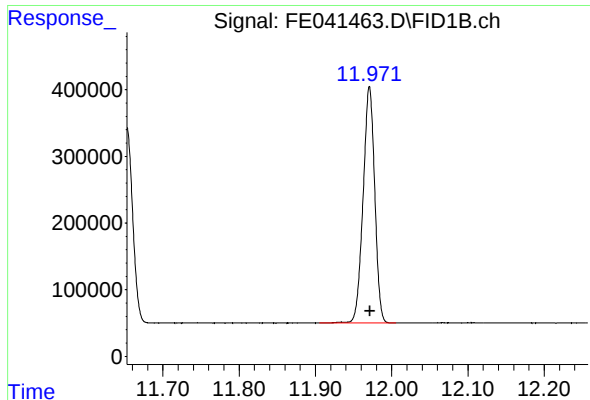
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.000 min
Response: 3217799
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

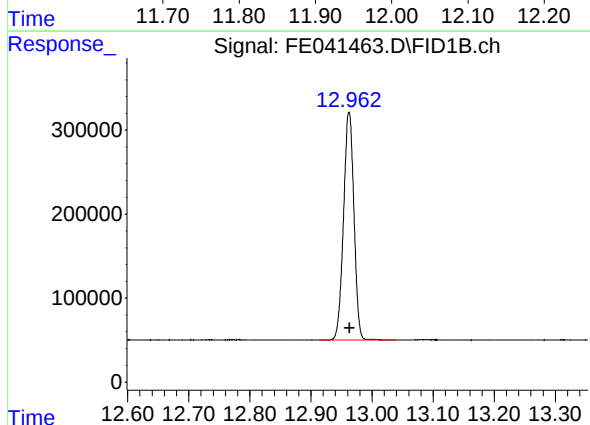
R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 3297010
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

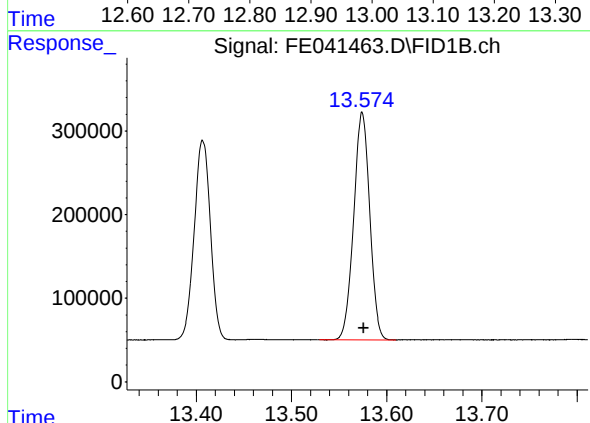
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 3759209
Conc: 20.04 ug/ml

Instrument :
FID_E
ClientSampleId :



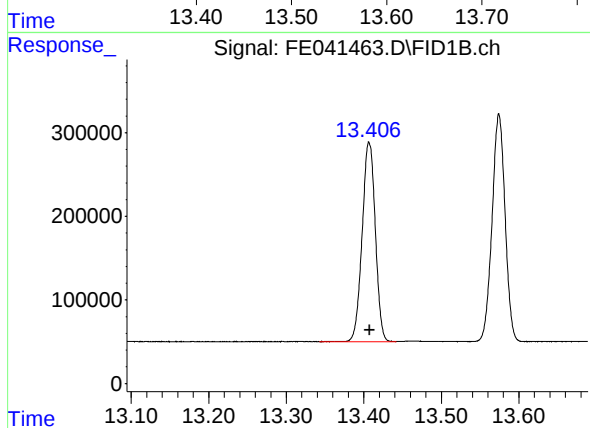
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.001 min
Response: 3211792
Conc: 19.97 ug/ml



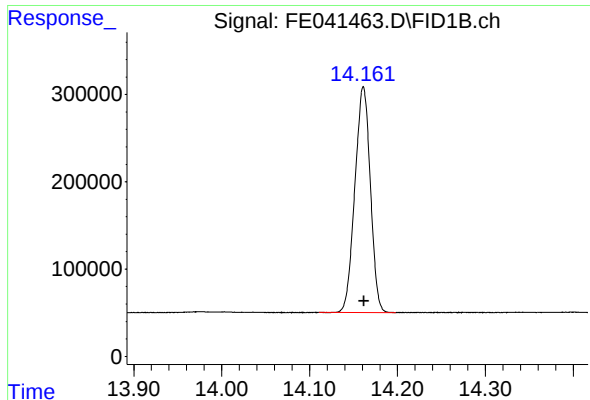
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 3173732
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

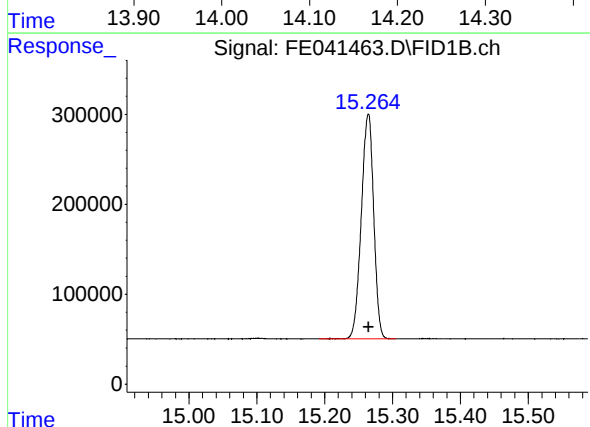
R.T.: 13.407 min
Delta R.T.: 0.000 min
Response: 2811012
Conc: 19.90 ug/ml



#13 n-Docosane (C22)

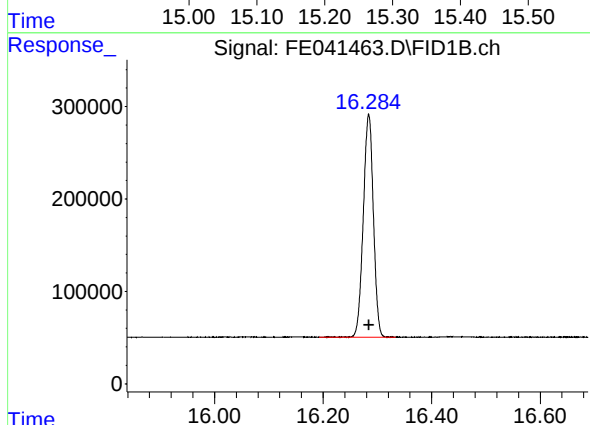
R.T.: 14.161 min
Delta R.T.: 0.000 min
Response: 3167056
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :



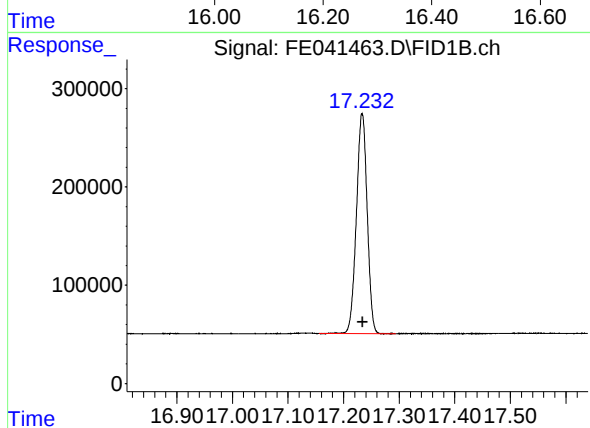
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.000 min
Response: 3177447
Conc: 19.71 ug/ml



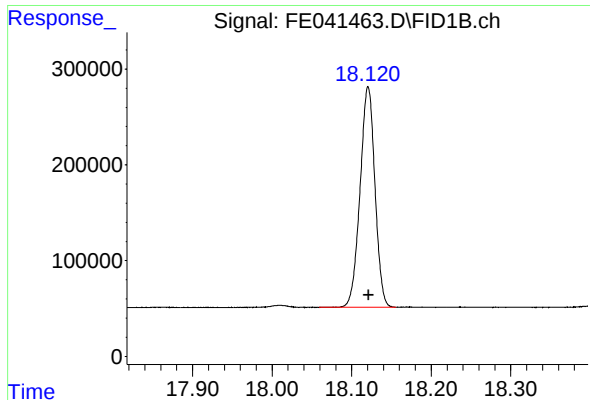
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.000 min
Response: 3116515
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

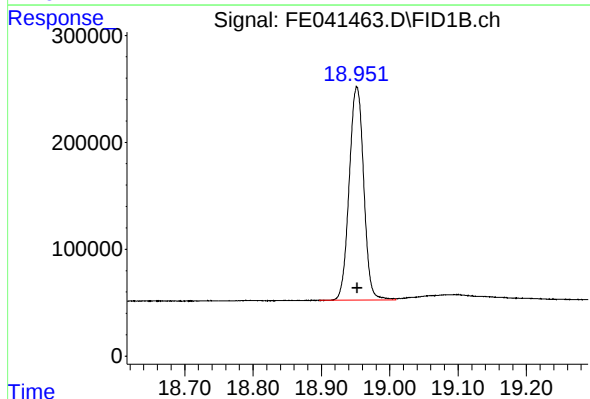
R.T.: 17.233 min
Delta R.T.: 0.000 min
Response: 3023721
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

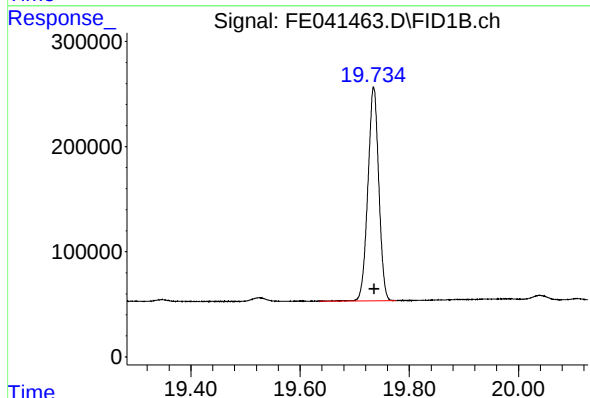
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2997586
Conc: 19.68 ug/ml

Instrument :
FID_E
ClientSampleId :



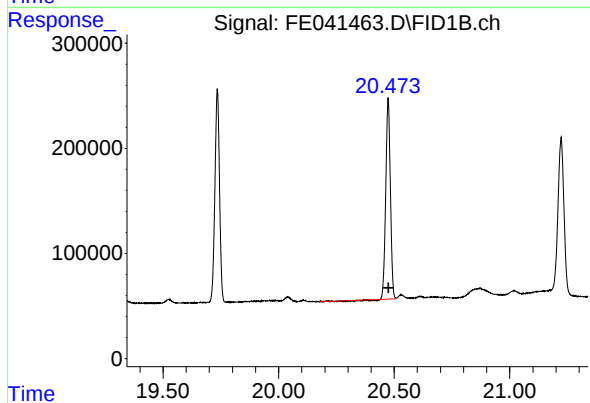
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 2950173
Conc: 19.80 ug/ml



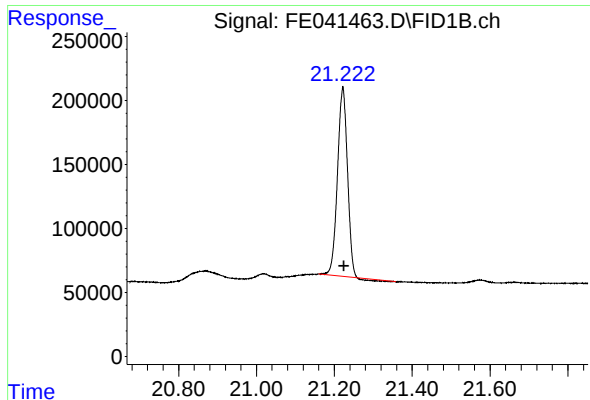
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.001 min
Response: 2813408
Conc: 19.97 ug/ml



#20 n-Hexatriacontane (C36)

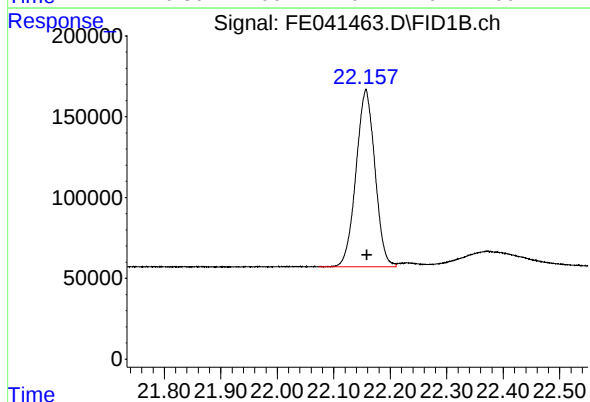
R.T.: 20.474 min
Delta R.T.: -0.002 min
Response: 2584715
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.003 min
Response: 2607760
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: -0.002 min
Response: 2546967
Conc: 20.12 ug/ml