

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052423AL\
 Data File : FE042184.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2023 14:04
 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: May 25 06:31:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.963	4072739	23.065 ug/ml
Spiked Amount 50.000		Recovery =	46.13%
12) S 1-chlorooctadecane (S...	13.398	2981333	22.437 ug/ml
Spiked Amount 50.000		Recovery =	44.87%
Target Compounds			
1) T n-Nonane (C9)	3.346	3313347	22.978 ug/ml
2) T n-Decane (C10)	4.597	3392792	22.919 ug/ml
3) T A~Naphthalene (C11.7)	6.303	3771463	23.115 ug/ml
4) T n-Dodecane (C12)	6.764	3452955	23.027 ug/ml
5) T A~2-methylnaphthalene...	7.400	3648425	22.989 ug/ml
6) T n-Tetradecane (C14)	8.593	3440882	22.969 ug/ml
7) T n-Hexadecane (C16)	10.200	3574316	22.946 ug/ml
8) T n-Octadecane (C18)	11.643	3608526	22.819 ug/ml
10) T n-Eicosane (C20)	12.952	3448299	22.749 ug/ml
11) T n-Heneicosane (C21)	13.565	3365177	22.714 ug/ml
13) T n-Docosane (C22)	14.151	3318758	22.639 ug/ml
14) T n-Tetracosane (C24)	15.255	3237731	22.429 ug/ml
15) T n-Hexacosane (C26)	16.275	3100614	22.387 ug/ml
16) T n-Octacosane (C28)	17.225	2971816	22.197 ug/ml
17) T n-Tricontane (C30)	18.112	2979367	22.071 ug/ml
18) T n-Dotriacontane (C32)	18.945	2901155	21.717 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2799041	21.284 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2739316	21.076 ug/ml
21) T n-Octatriacontane (C38)	21.217	2717397	20.029 ug/ml
22) T n-Tetracontane (C40)	22.151	2713126	19.502 ug/ml

(f)=RT Delta > 1/2 Window

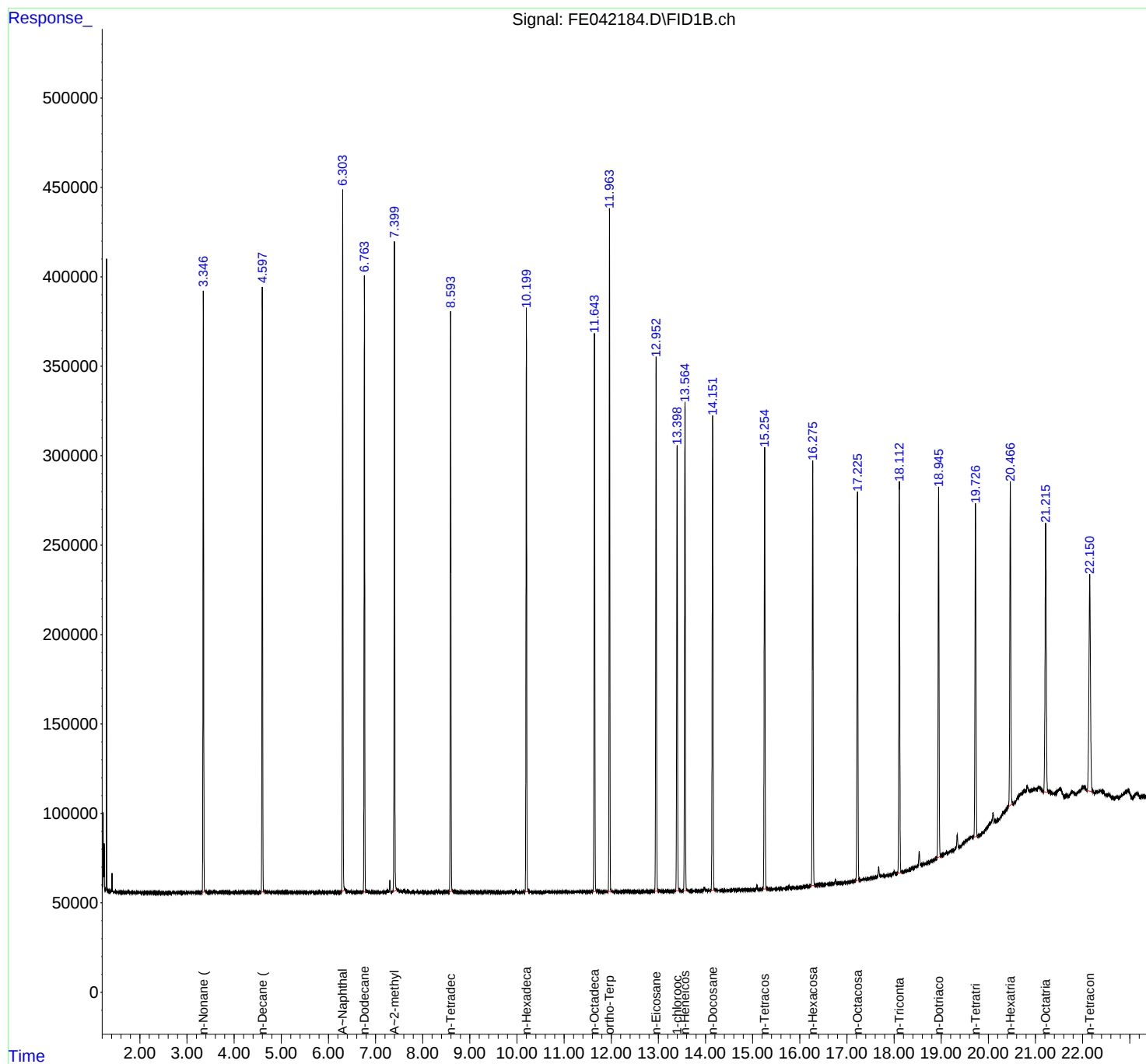
(m)=manual int.

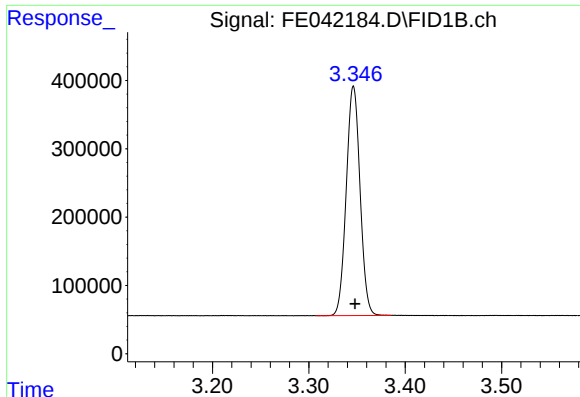
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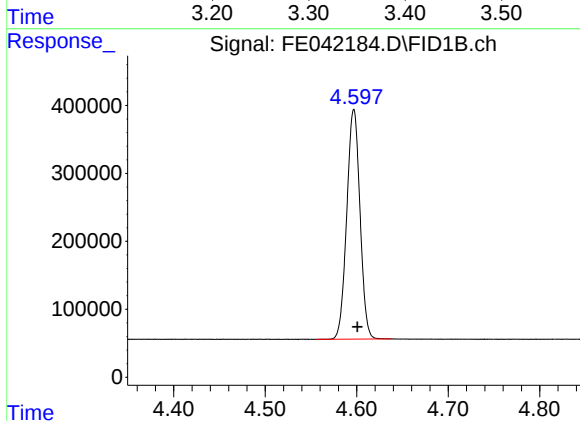




#1 n-Nonane (C9)

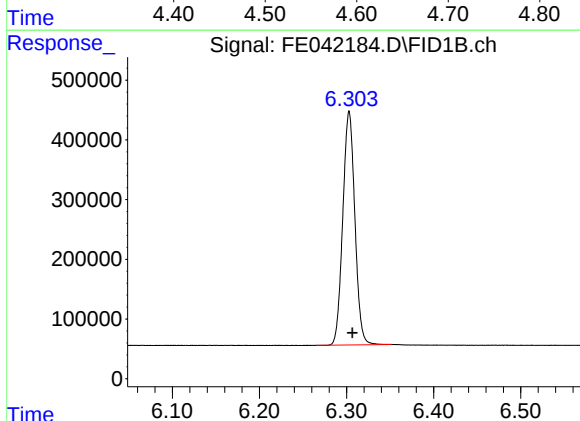
R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 3313347
Conc: 22.98 ug/ml

Instrument :
FID_E
ClientSampleId :



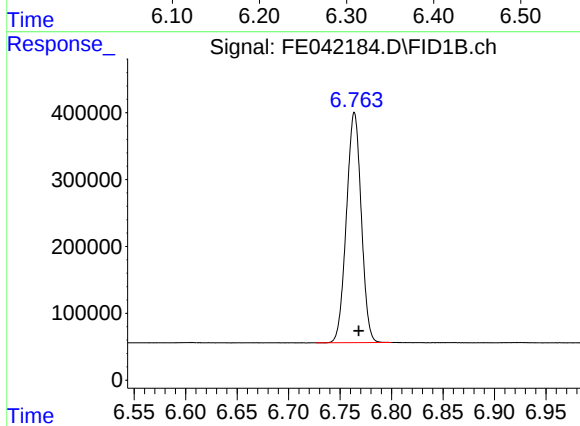
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 3392792
Conc: 22.92 ug/ml



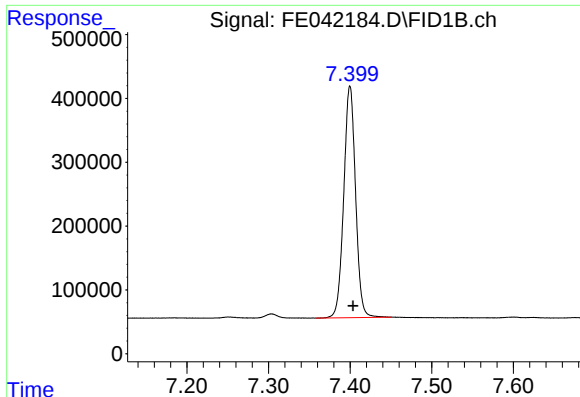
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 3771463
Conc: 23.12 ug/ml



#4 n-Dodecane (C12)

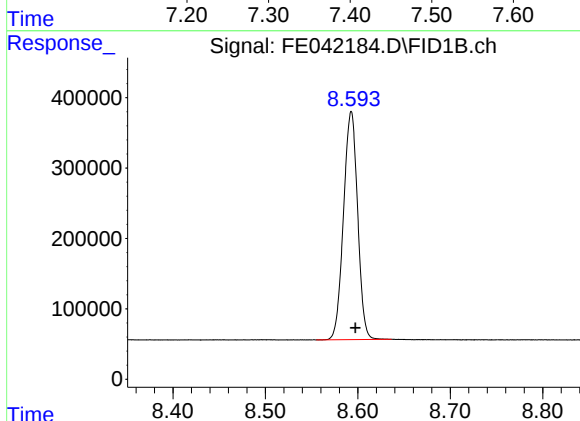
R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 3452955
Conc: 23.03 ug/ml



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

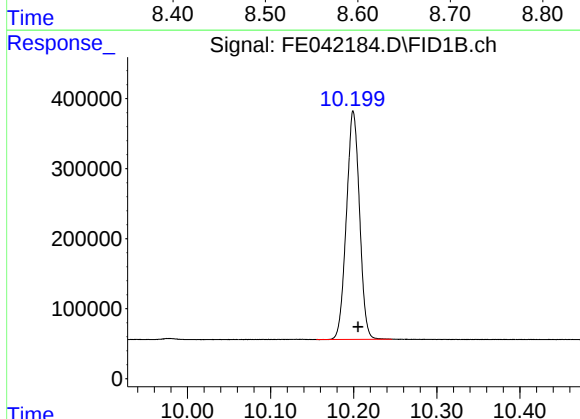
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 3648425
Conc: 22.99 ug/ml

Instrument :
FID_E
ClientSampleId :



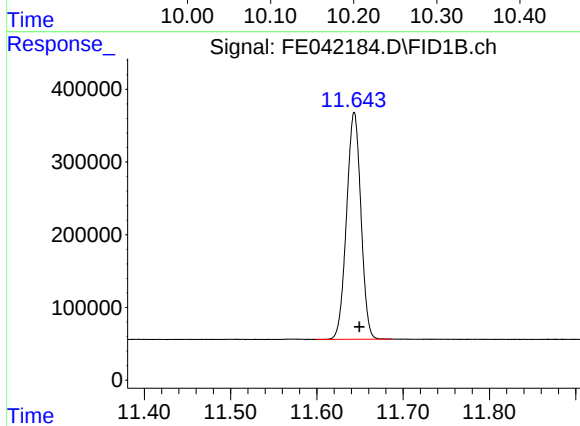
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.004 min
Response: 3440882
Conc: 22.97 ug/ml



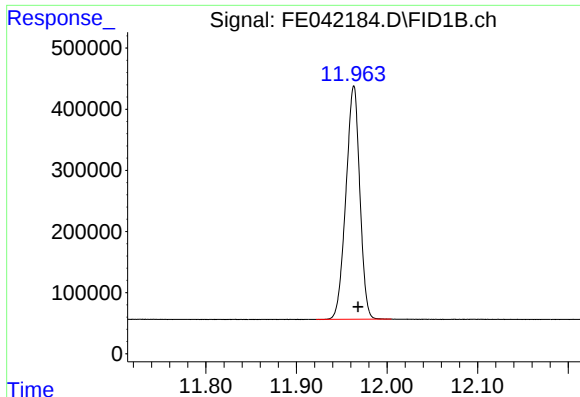
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.006 min
Response: 3574316
Conc: 22.95 ug/ml



#8 n-Octadecane (C18)

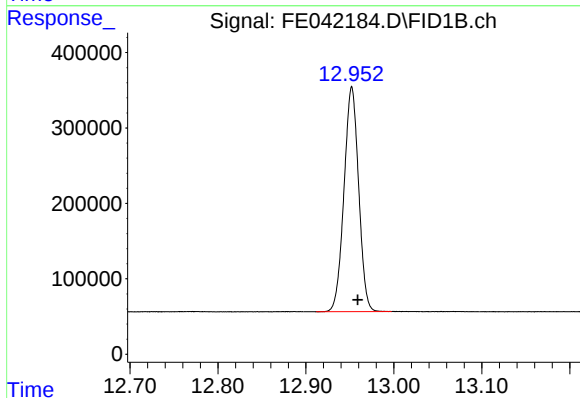
R.T.: 11.643 min
Delta R.T.: -0.006 min
Response: 3608526
Conc: 22.82 ug/ml



#9 ortho-Terphenyl (SURR)

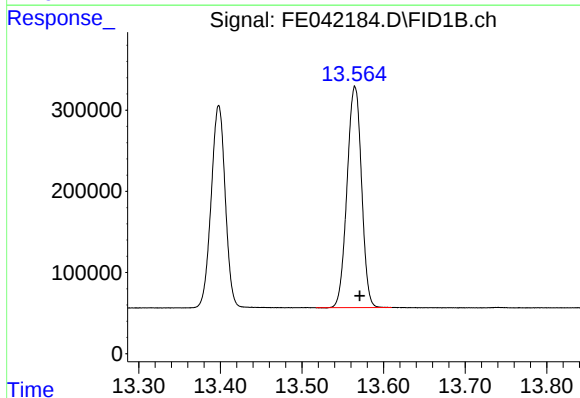
R.T.: 11.963 min
Delta R.T.: -0.005 min
Response: 4072739
Conc: 23.06 ug/ml

Instrument :
FID_E
ClientSampleId :



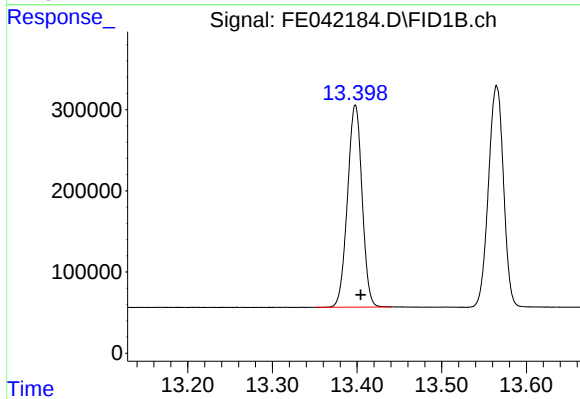
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 3448299
Conc: 22.75 ug/ml



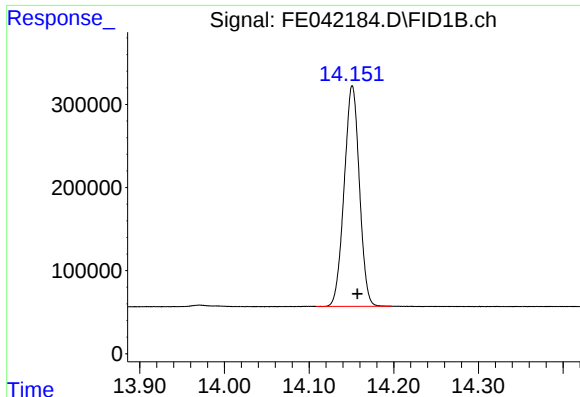
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.006 min
Response: 3365177
Conc: 22.71 ug/ml



#12 1-chlorooctadecane (SURR)

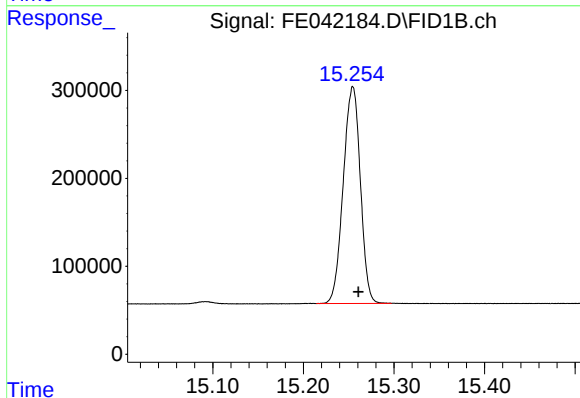
R.T.: 13.398 min
Delta R.T.: -0.006 min
Response: 2981333
Conc: 22.44 ug/ml



#13 n-Docosane (C22)

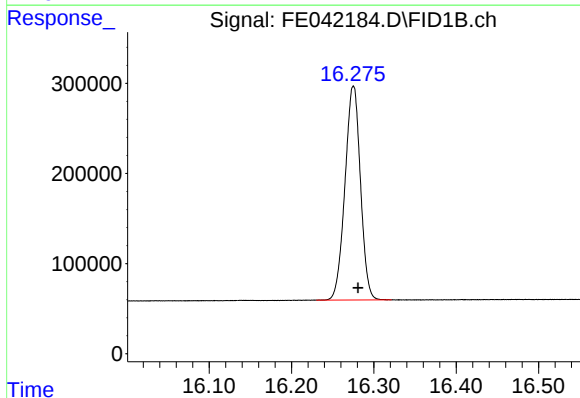
R.T.: 14.151 min
Delta R.T.: -0.006 min
Response: 3318758
Conc: 22.64 ug/ml

Instrument :
FID_E
ClientSampleId :



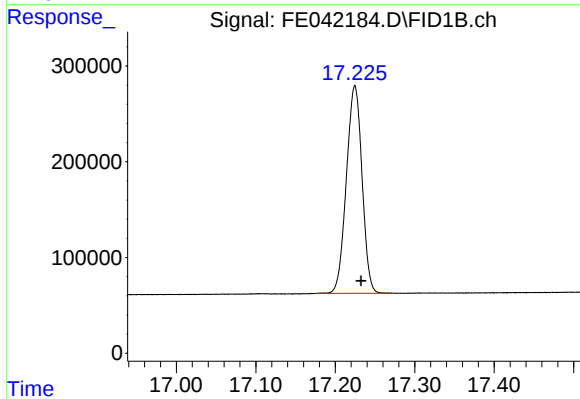
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.006 min
Response: 3237731
Conc: 22.43 ug/ml



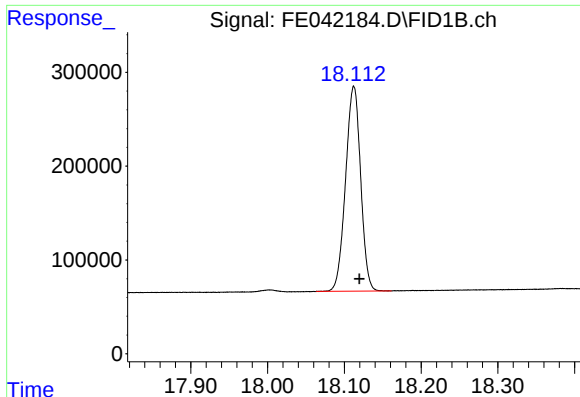
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.006 min
Response: 3100614
Conc: 22.39 ug/ml



#16 n-Octacosane (C28)

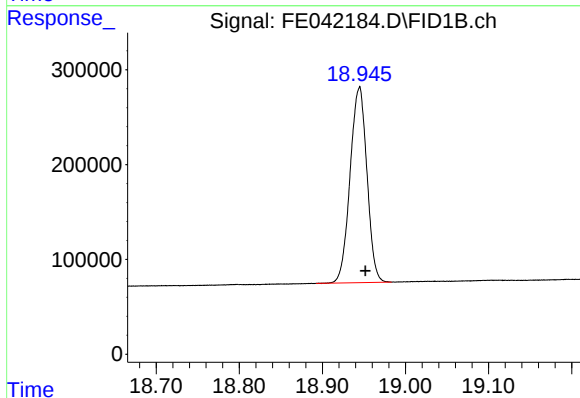
R.T.: 17.225 min
Delta R.T.: -0.008 min
Response: 2971816
Conc: 22.20 ug/ml



#17 n-Tricontane (C30)

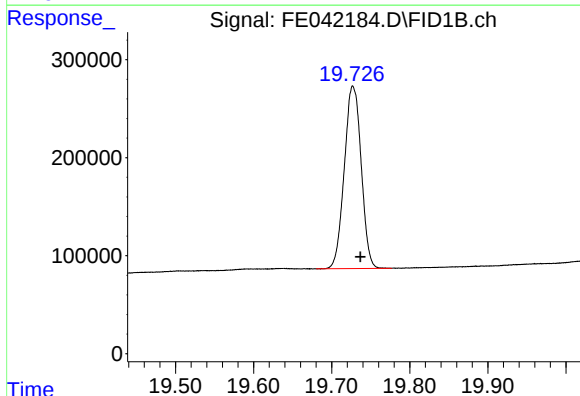
R.T.: 18.112 min
Delta R.T.: -0.007 min
Response: 2979367
Conc: 22.07 ug/ml

Instrument :
FID_E
ClientSampleId :



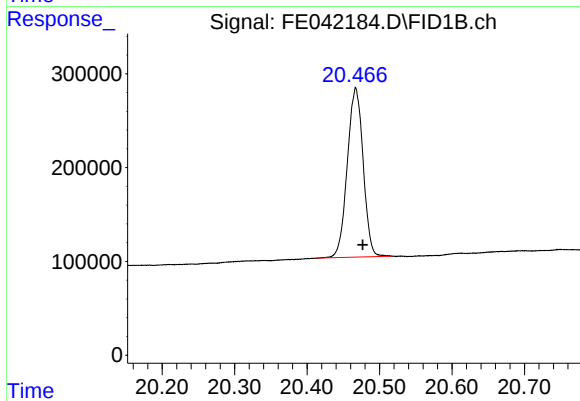
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.007 min
Response: 2901155
Conc: 21.72 ug/ml



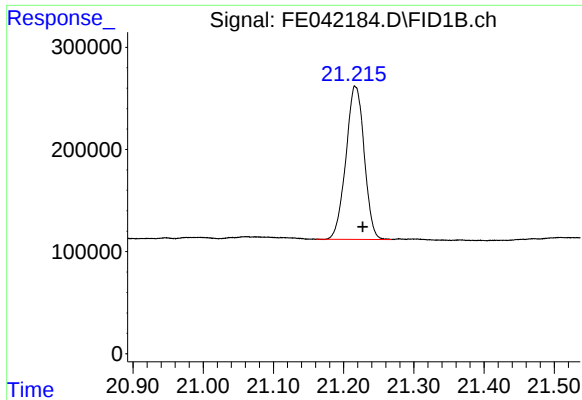
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.009 min
Response: 2799041
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

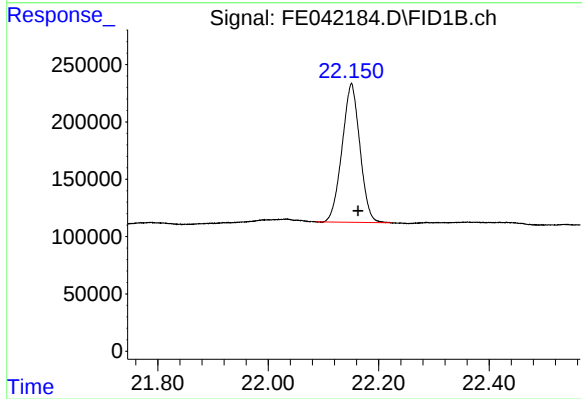
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2739316
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.011 min
Response: 2717397
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.012 min
Response: 2713126
Conc: 19.50 ug/ml