

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056532.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 29 01:39:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.984	4072588	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.424	3031554	19.869 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.340	3230911	19.822 ug/ml
2) T n-Decane (C10)	4.593	3595075	21.861 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3666246	20.739 ug/ml
4) T n-Dodecane (C12)	6.766	3714070	22.136 ug/ml
5) T A~2-methylnaphthalene...	7.406	3483283	20.905 ug/ml
6) T n-Tetradecane (C14)	8.601	3649307	21.966 ug/ml
7) T n-Hexadecane (C16)	10.214	3733505	21.339 ug/ml
8) T n-Octadecane (C18)	11.663	3773081	20.684 ug/ml
10) T n-Eicosane (C20)	12.977	3589031	20.157 ug/ml
11) T n-Heneicosane (C21)	13.590	3494743	19.919 ug/ml
13) T n-Docosane (C22)	14.179	3463836	19.568 ug/ml
14) T n-Tetracosane (C24)	15.285	3432634	18.867 ug/ml
15) T n-Hexacosane (C26)	16.308	3384041	18.852 ug/ml
16) T n-Octacosane (C28)	17.261	3379039	18.994 ug/ml
17) T n-Tricontane (C30)	18.151	3536814	19.480 ug/ml
18) T n-Dotriacontane (C32)	18.985	3524751	19.993 ug/ml
19) T n-Tetratriacontane (C34)	19.770	3194273	20.635 ug/ml
20) T n-Hexatriacontane (C36)	20.511	2718252	21.758 ug/ml
21) T n-Octatriacontane (C38)	21.267	2475537	23.694 ug/ml

(f)=RT Delta > 1/2 Window

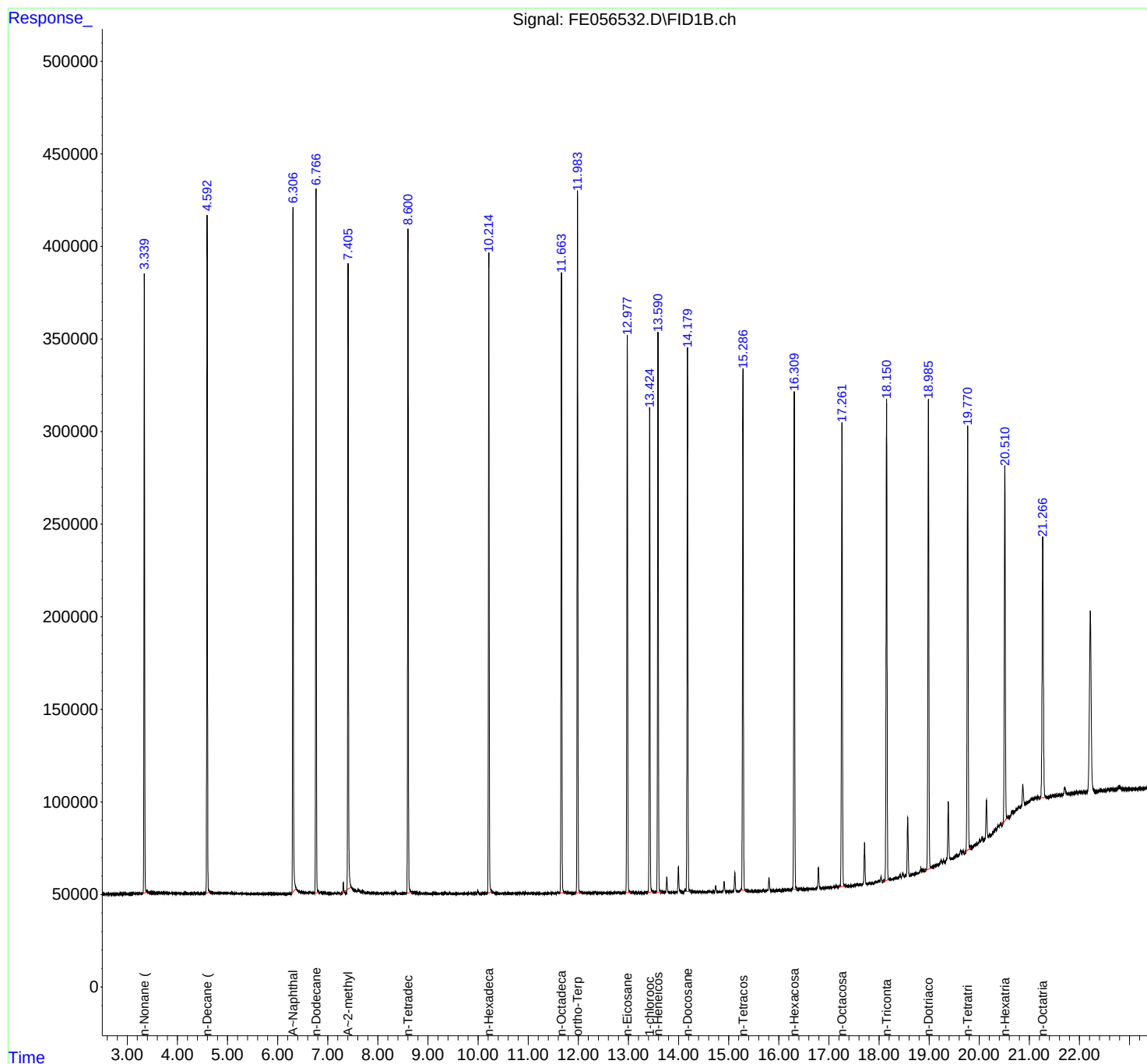
(m)=manual int.

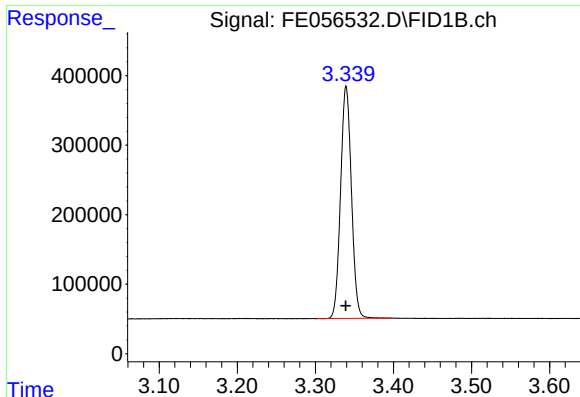
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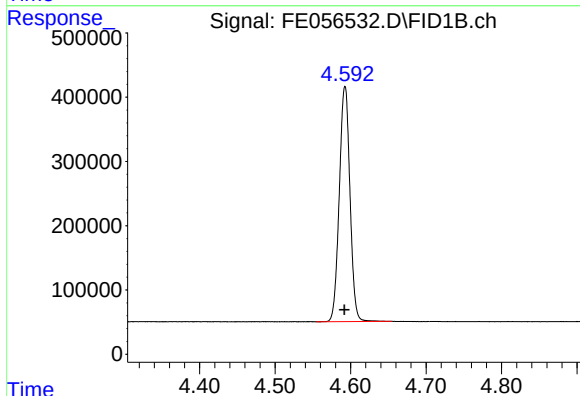




#1 n-Nonane (C9)

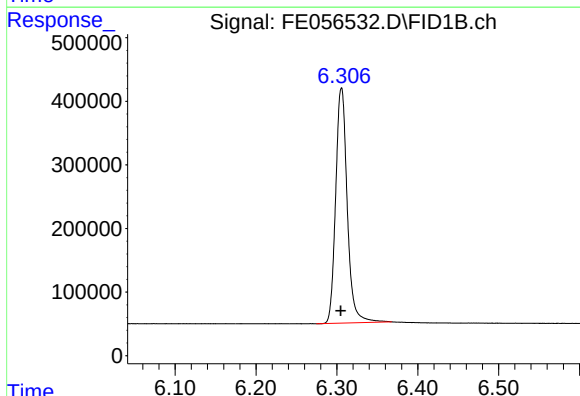
R.T.: 3.340 min
Delta R.T.: 0.000 min
Response: 3230911
Conc: 19.82 ug/ml

Instrument :
FID_E
ClientSampleId :



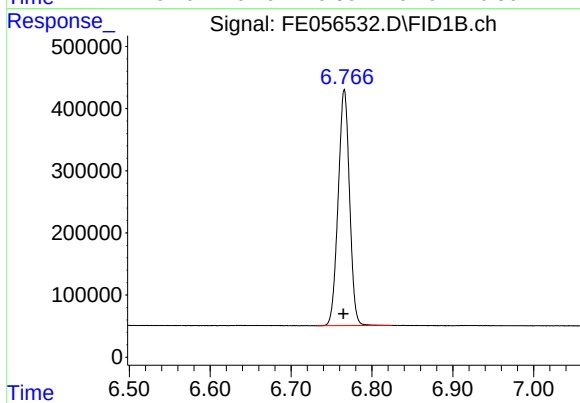
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 3595075
Conc: 21.86 ug/ml



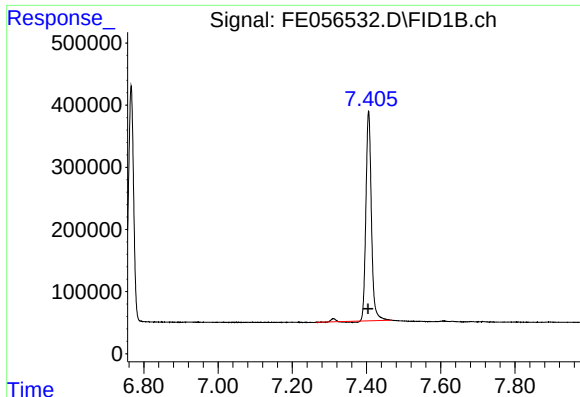
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 3666246
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

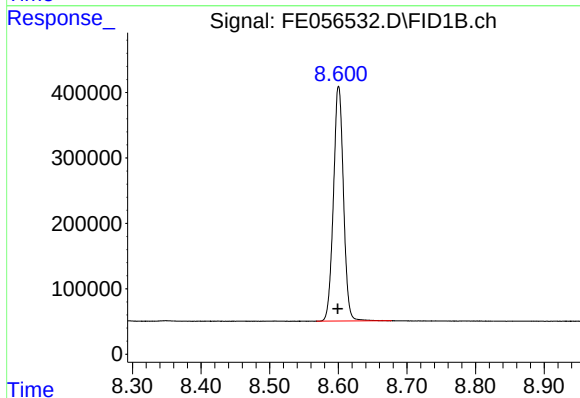
R.T.: 6.766 min
Delta R.T.: 0.001 min
Response: 3714070
Conc: 22.14 ug/ml



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

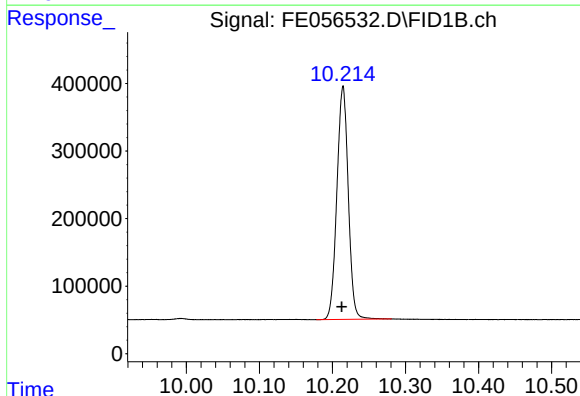
R.T.: 7.406 min
Delta R.T.: 0.001 min
Response: 3483283
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :



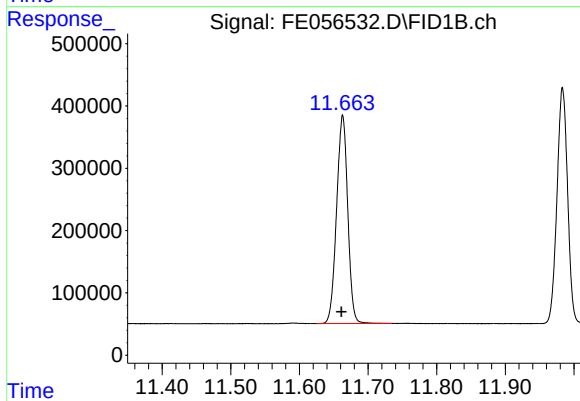
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.001 min
Response: 3649307
Conc: 21.97 ug/ml



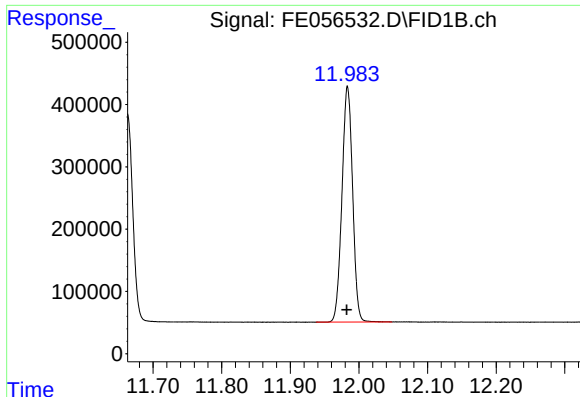
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.001 min
Response: 3733505
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

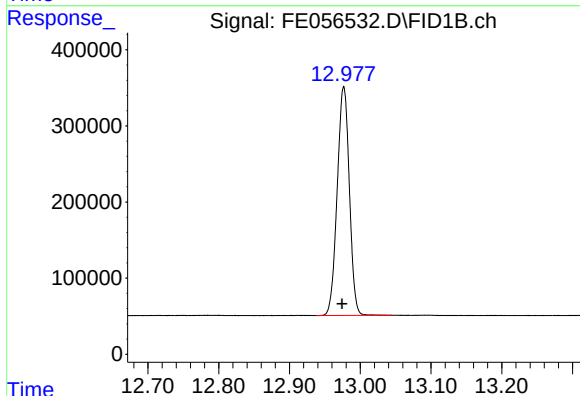
R.T.: 11.663 min
Delta R.T.: 0.002 min
Response: 3773081
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

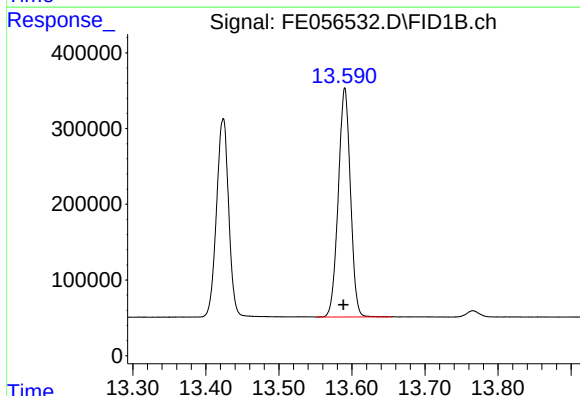
R.T.: 11.984 min
Delta R.T.: 0.001 min
Response: 4072588
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :



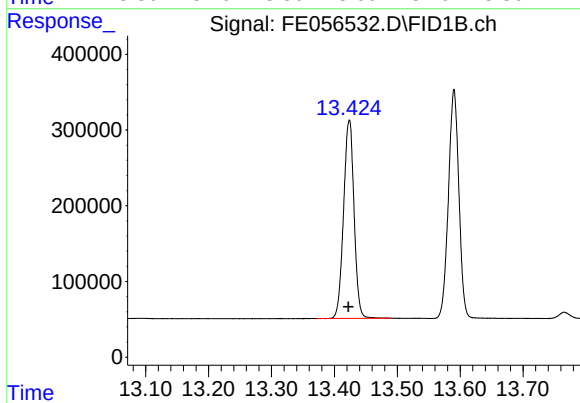
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.002 min
Response: 3589031
Conc: 20.16 ug/ml



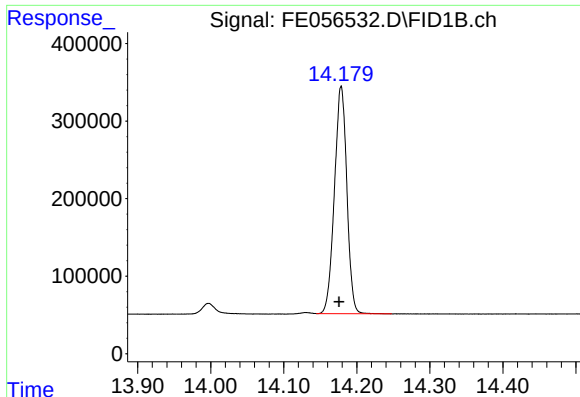
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.002 min
Response: 3494743
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

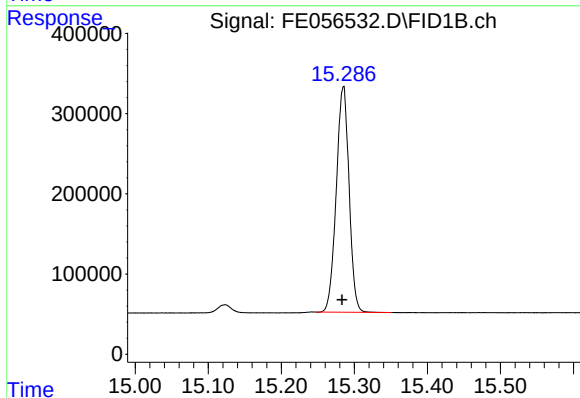
R.T.: 13.424 min
Delta R.T.: 0.001 min
Response: 3031554
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

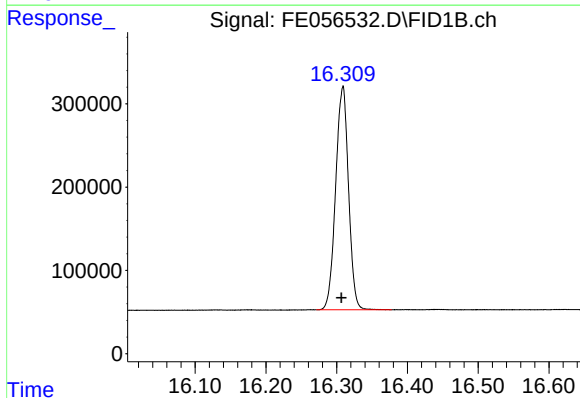
R.T.: 14.179 min
Delta R.T.: 0.003 min
Response: 3463836
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :



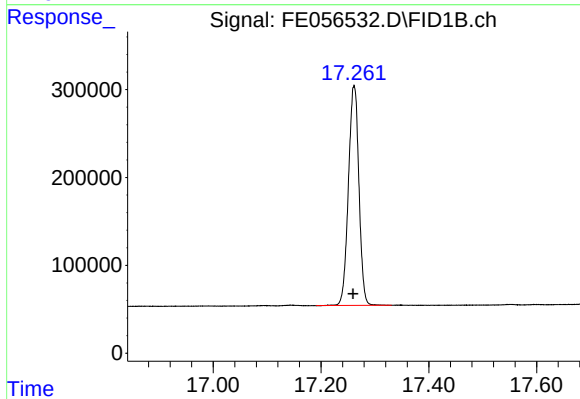
#14 n-Tetracosane (C24)

R.T.: 15.285 min
Delta R.T.: 0.001 min
Response: 3432634
Conc: 18.87 ug/ml



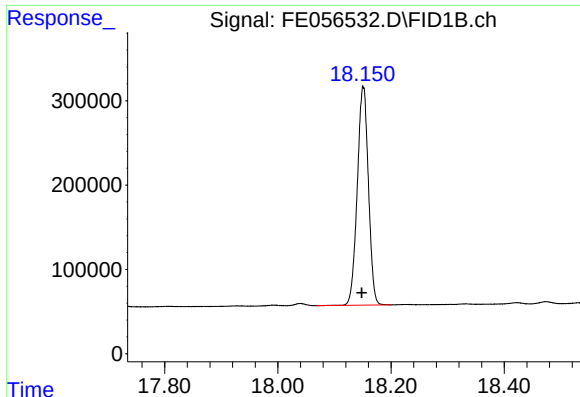
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.002 min
Response: 3384041
Conc: 18.85 ug/ml



#16 n-Octacosane (C28)

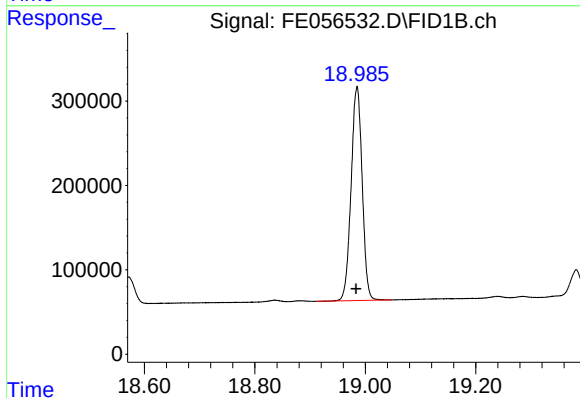
R.T.: 17.261 min
Delta R.T.: 0.002 min
Response: 3379039
Conc: 18.99 ug/ml



#17 n-Tricontane (C30)

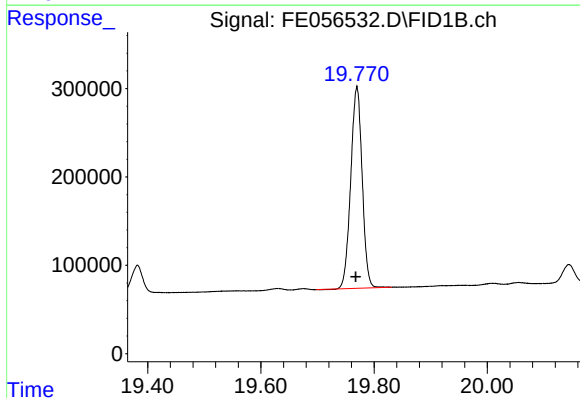
R.T.: 18.151 min
Delta R.T.: 0.003 min
Response: 3536814
Conc: 19.48 ug/ml

Instrument :
FID_E
ClientSampleId :



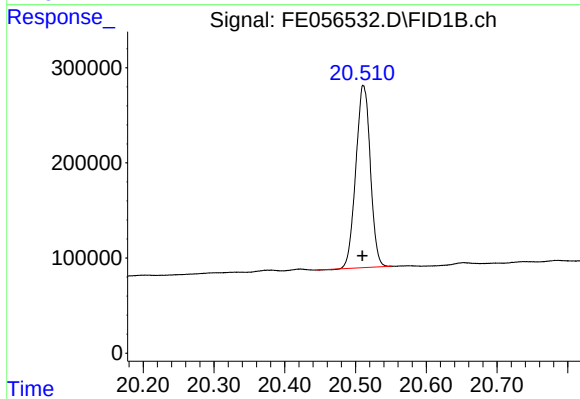
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.002 min
Response: 3524751
Conc: 19.99 ug/ml



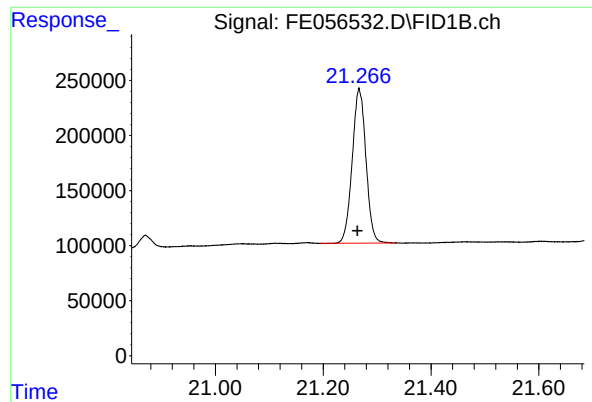
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.002 min
Response: 3194273
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.511 min
Delta R.T.: 0.002 min
Response: 2718252
Conc: 21.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: 0.003 min
Response: 2475537
Conc: 23.69 ug/ml

Instrument :

FID_E

ClientSampleId :