

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112125AL\
 Data File : FE056975.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2025 10:09
 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: Nov 21 22:11:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.944	3936591	18.843 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.382	2975662	18.469 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T n-Nonane (C9)	3.306	3487983	20.766 ug/ml
2) T n-Decane (C10)	4.558	3606124	21.015 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3658928	19.822 ug/ml
4) T n-Dodecane (C12)	6.730	3665734	21.076 ug/ml
5) T A~2-methylnaphthalene...	7.373	3453984	19.490 ug/ml
6) T n-Tetradecane (C14)	8.563	3627094	20.779 ug/ml
7) T n-Hexadecane (C16)	10.175	3692304	20.181 ug/ml
8) T n-Octadecane (C18)	11.621	3688697	19.489 ug/ml
10) T n-Eicosane (C20)	12.934	3505997	18.813 ug/ml
11) T n-Heneicosane (C21)	13.548	3418236	18.589 ug/ml
13) T n-Docosane (C22)	14.135	3405814	18.193 ug/ml
14) T n-Tetracosane (C24)	15.241	3376744	17.240 ug/ml
15) T n-Hexacosane (C26)	16.264	3332504	17.148 ug/ml
16) T n-Octacosane (C28)	17.217	3374531	17.425 ug/ml
17) T n-Tricontane (C30)	18.107	3565273	17.782 ug/ml
18) T n-Dotriacontane (C32)	18.941	3592514	18.269 ug/ml
19) T n-Tetratriacontane (C34)	19.726	3334540	19.318 ug/ml
20) T n-Hexatriacontane (C36)	20.468	2975424	20.569 ug/ml
21) T n-Octatriacontane (C38)	21.216	2701367	21.463 ug/ml
22) T n-Tetracontane (C40)	22.148	2758093	23.856 ug/ml

(f)=RT Delta > 1/2 Window

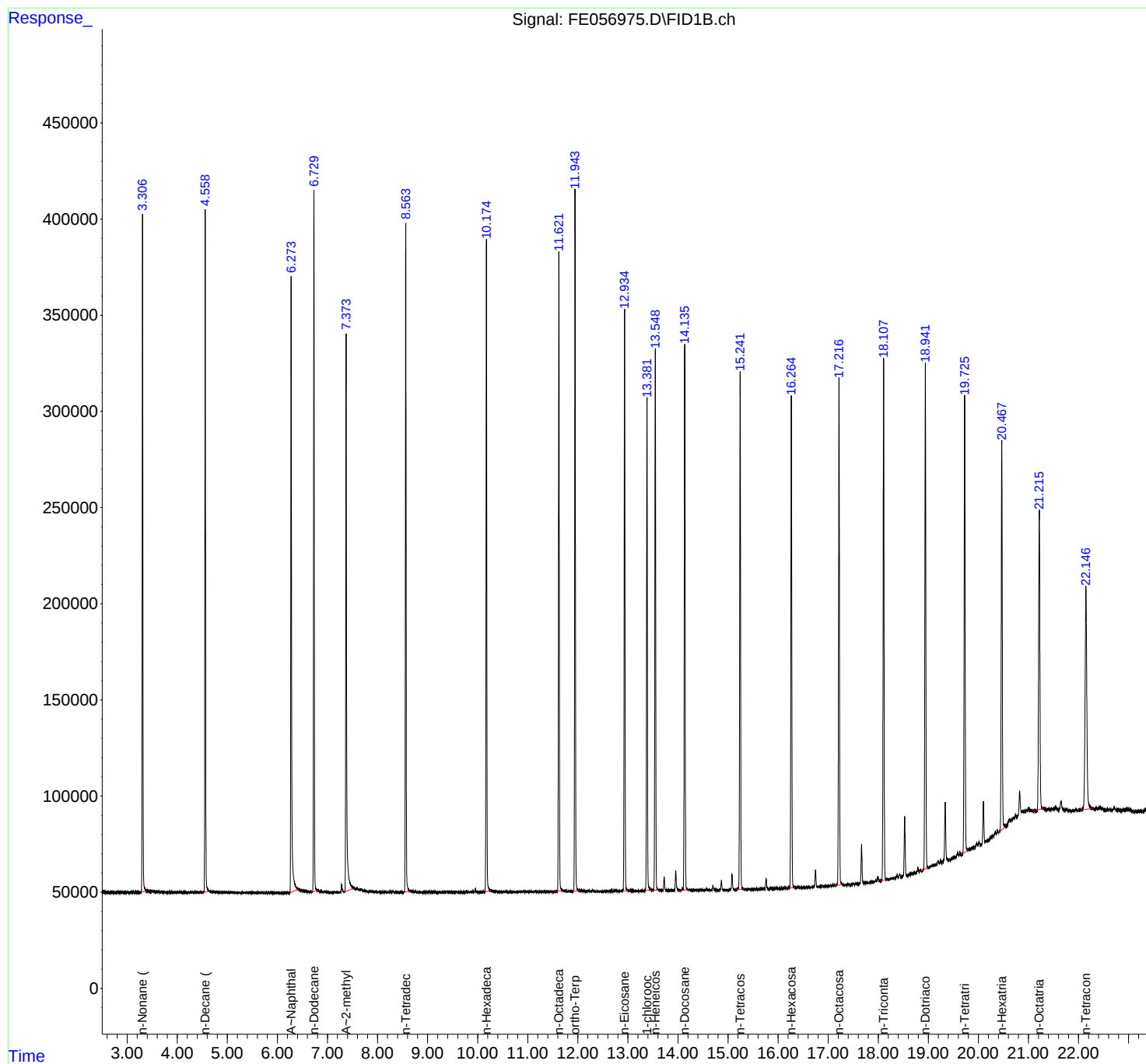
(m)=manual int.

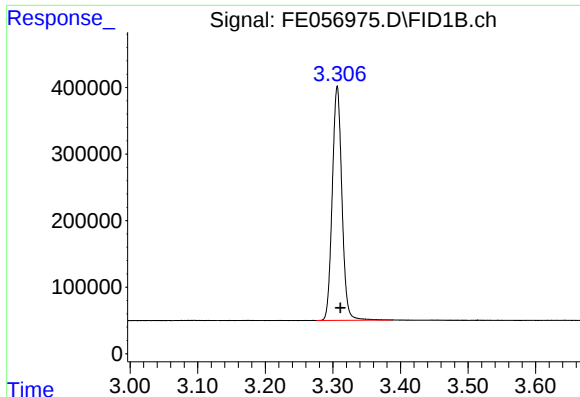
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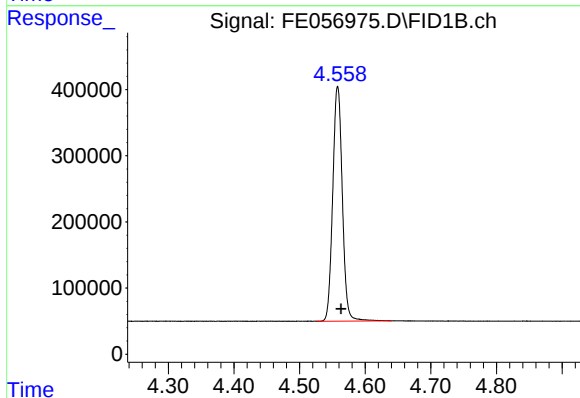




#1 n-Nonane (C9)

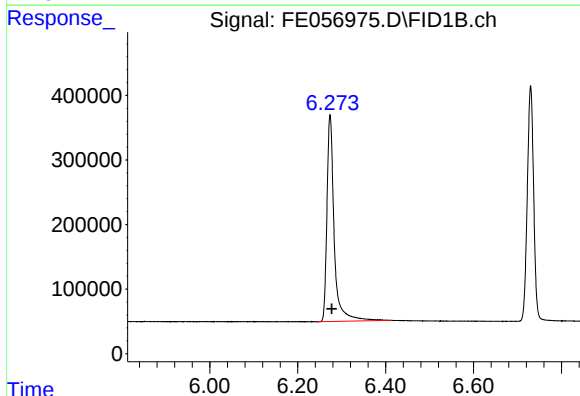
R.T.: 3.306 min
Delta R.T.: -0.005 min
Response: 3487983
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :



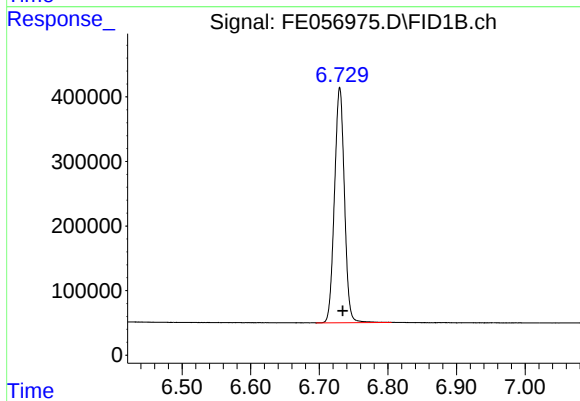
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 3606124
Conc: 21.02 ug/ml



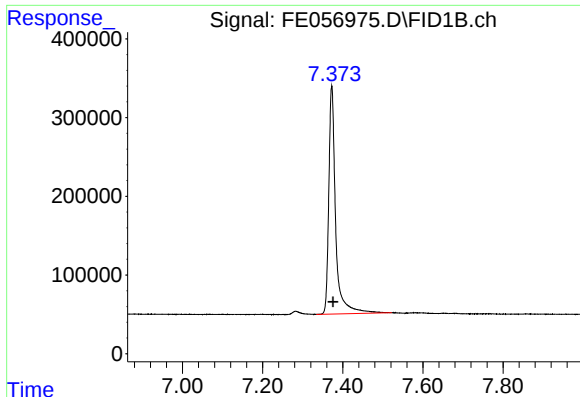
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.004 min
Response: 3658928
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

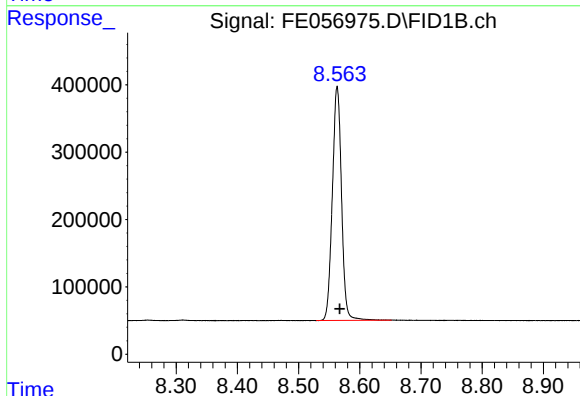
R.T.: 6.730 min
Delta R.T.: -0.005 min
Response: 3665734
Conc: 21.08 ug/ml



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

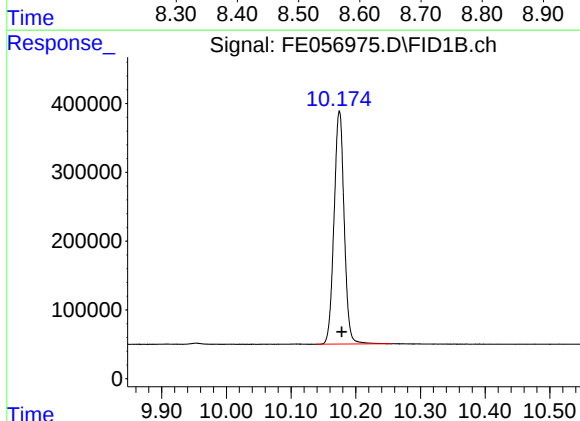
R.T.: 7.373 min
Delta R.T.: -0.004 min
Response: 3453984
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :



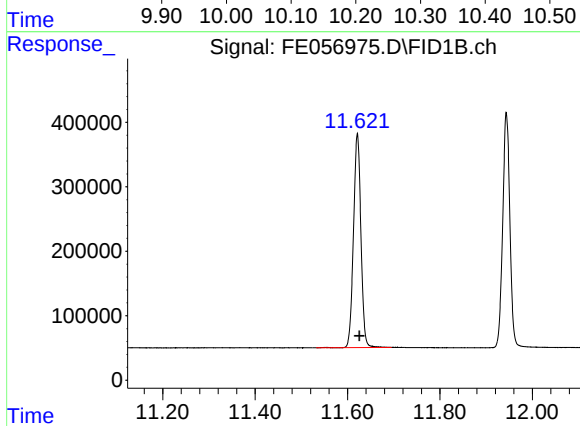
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 3627094
Conc: 20.78 ug/ml



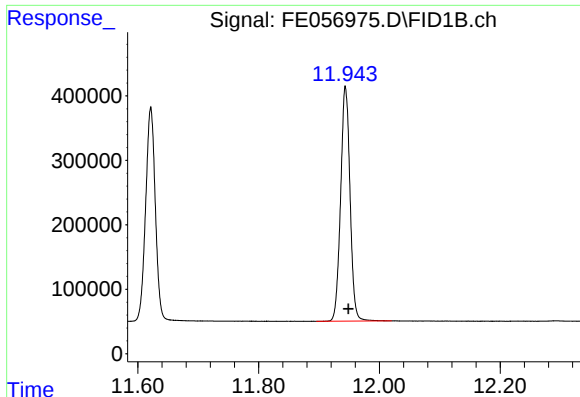
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.004 min
Response: 3692304
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

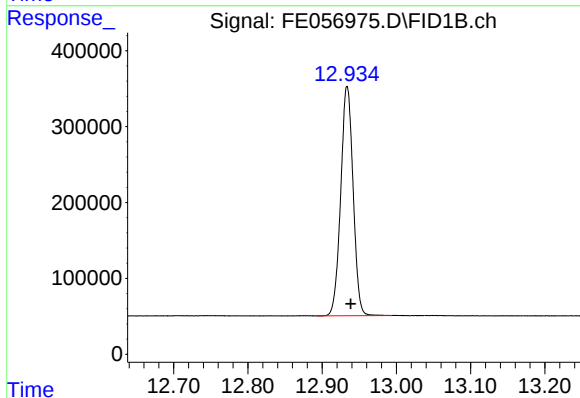
R.T.: 11.621 min
Delta R.T.: -0.004 min
Response: 3688697
Conc: 19.49 ug/ml



#9 ortho-Terphenyl (SURR)

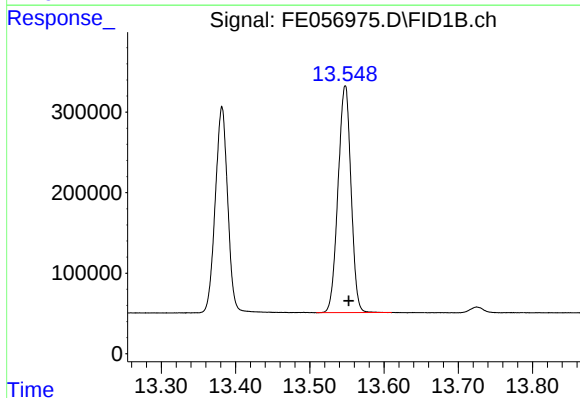
R.T.: 11.944 min
Delta R.T.: -0.005 min
Response: 3936591
Conc: 18.84 ug/ml

Instrument :
FID_E
ClientSampleId :



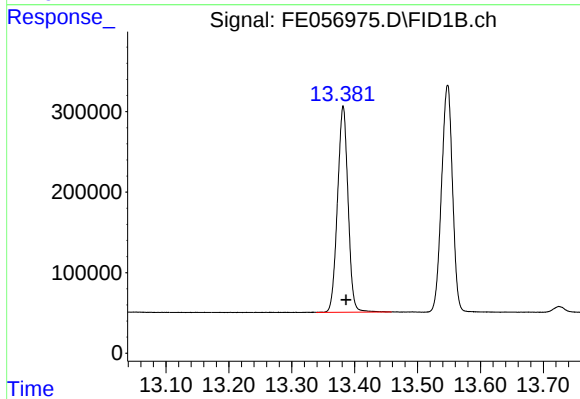
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.005 min
Response: 3505997
Conc: 18.81 ug/ml



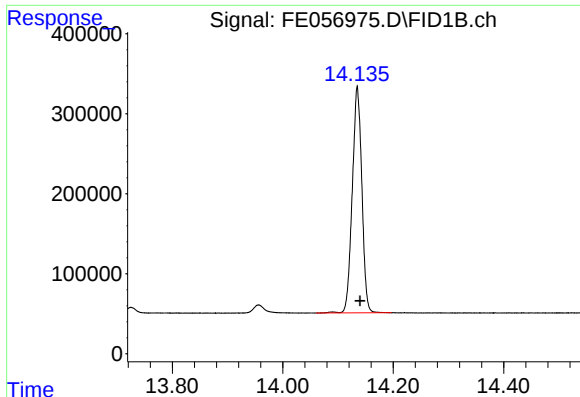
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 3418236
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

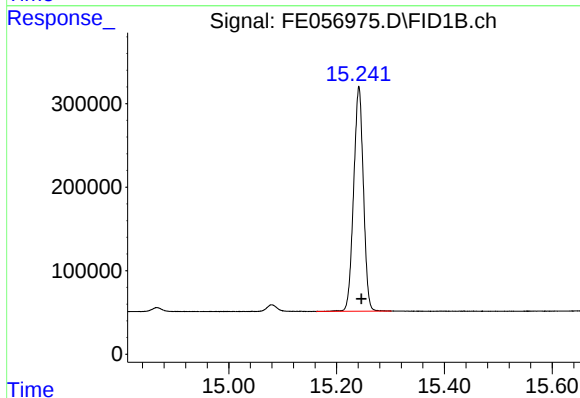
R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 2975662
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

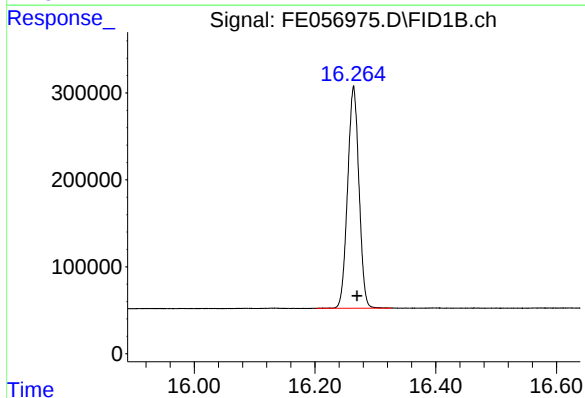
R.T.: 14.135 min
Delta R.T.: -0.005 min
Response: 3405814
Conc: 18.19 ug/ml

Instrument :
FID_E
ClientSampleId :



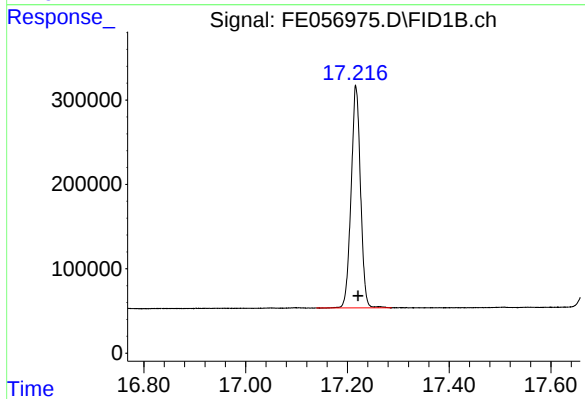
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.005 min
Response: 3376744
Conc: 17.24 ug/ml



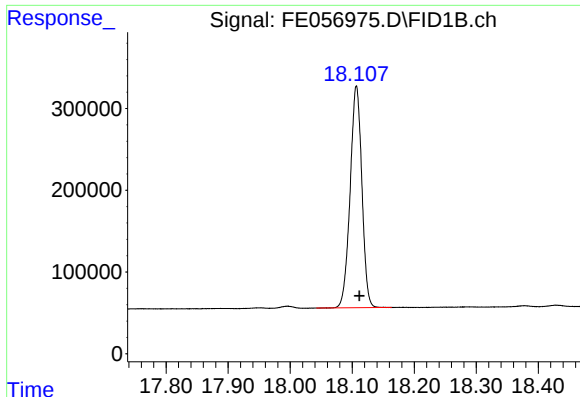
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.006 min
Response: 3332504
Conc: 17.15 ug/ml



#16 n-Octacosane (C28)

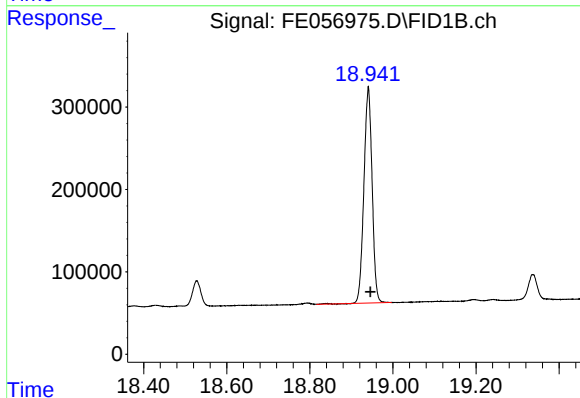
R.T.: 17.217 min
Delta R.T.: -0.004 min
Response: 3374531
Conc: 17.42 ug/ml



#17 n-Tricontane (C30)

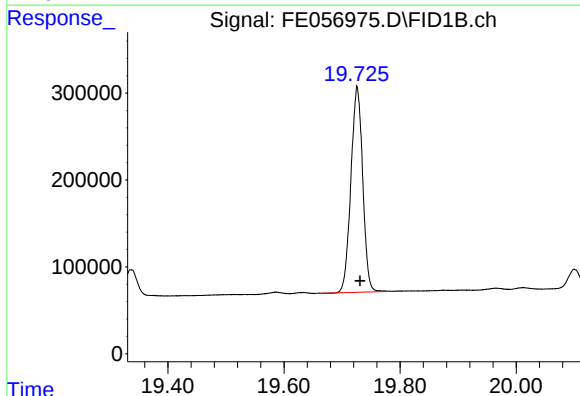
R.T.: 18.107 min
Delta R.T.: -0.005 min
Response: 3565273
Conc: 17.78 ug/ml

Instrument :
FID_E
ClientSampleId :



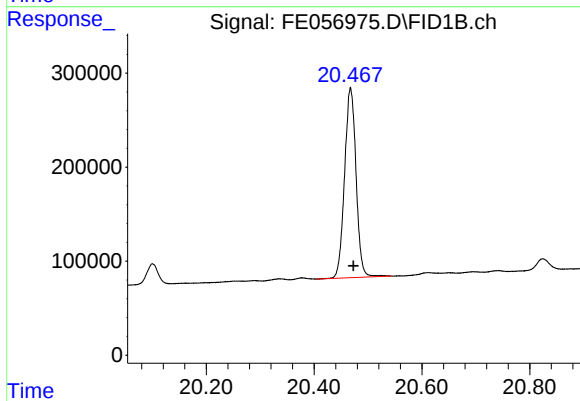
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.005 min
Response: 3592514
Conc: 18.27 ug/ml



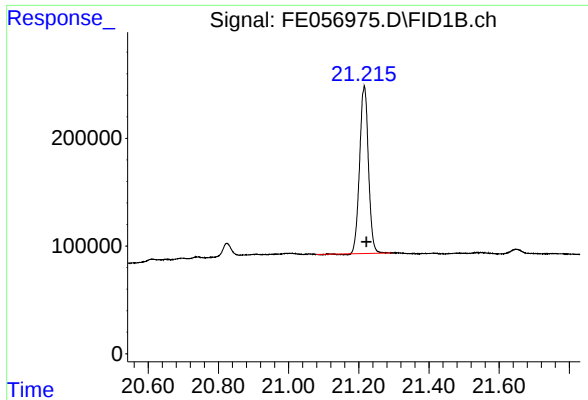
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.005 min
Response: 3334540
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

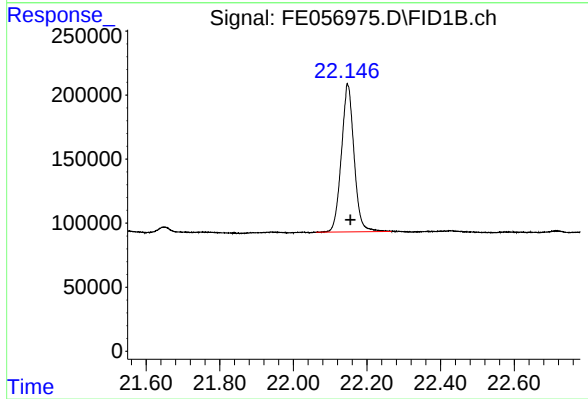
R.T.: 20.468 min
Delta R.T.: -0.005 min
Response: 2975424
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: -0.006 min
Response: 2701367
Conc: 21.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: -0.007 min
Response: 2758093
Conc: 23.86 ug/ml