

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111125AL\
 Data File : FE056730.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2025 10:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 01:37:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.965	3984073	19.071 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	13.405	3027379	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T n-Nonane (C9)	3.320	3370909	20.069 ug/ml
2) T n-Decane (C10)	4.572	3526305	20.550 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3650527	19.777 ug/ml
4) T n-Dodecane (C12)	6.745	3635434	20.902 ug/ml
5) T A~2-methylnaphthalene...	7.388	3483044	19.653 ug/ml
6) T n-Tetradecane (C14)	8.580	3599119	20.619 ug/ml
7) T n-Hexadecane (C16)	10.194	3697875	20.212 ug/ml
8) T n-Octadecane (C18)	11.642	3733543	19.726 ug/ml
10) T n-Eicosane (C20)	12.957	3563445	19.121 ug/ml
11) T n-Heneicosane (C21)	13.572	3473740	18.891 ug/ml
13) T n-Docosane (C22)	14.160	3472730	18.551 ug/ml
14) T n-Tetracosane (C24)	15.267	3502025	17.880 ug/ml
15) T n-Hexacosane (C26)	16.291	3419099	17.594 ug/ml
16) T n-Octacosane (C28)	17.243	3382932	17.468 ug/ml
17) T n-Tricontane (C30)	18.134	3529540	17.604 ug/ml
18) T n-Dotriacontane (C32)	18.969	3518147	17.890 ug/ml
19) T n-Tetratriacontane (C34)	19.755	3189071	18.476 ug/ml
20) T n-Hexatriacontane (C36)	20.496	2764764	19.113 ug/ml
21) T n-Octatriacontane (C38)	21.250	2556945	20.316 ug/ml
22) T n-Tetracontane (C40)	22.191	2607260	22.551 ug/ml

(f)=RT Delta > 1/2 Window

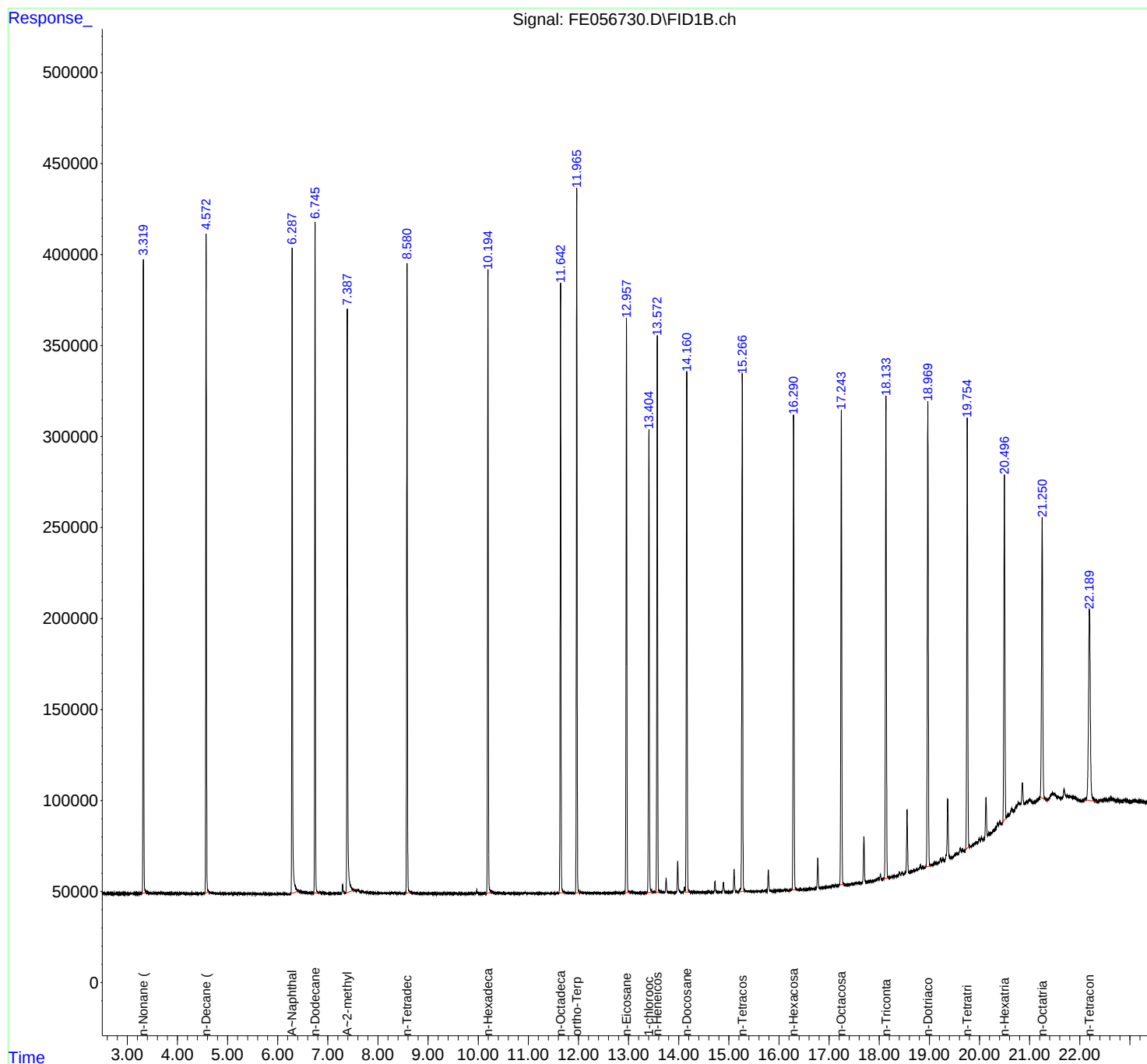
(m)=manual int.

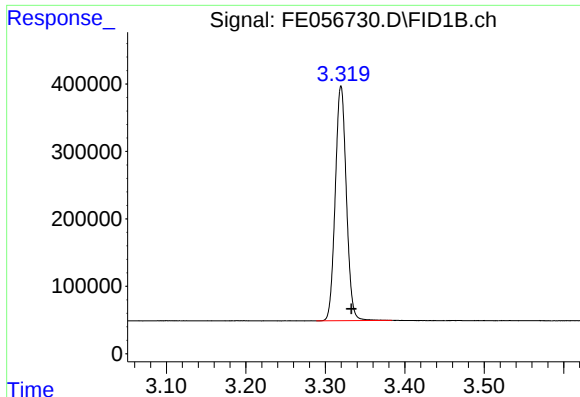
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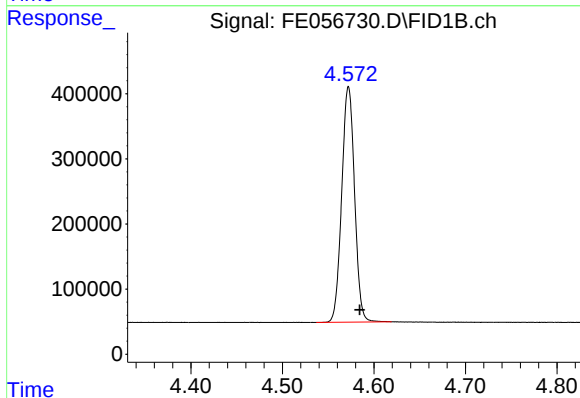




#1 n-Nonane (C9)

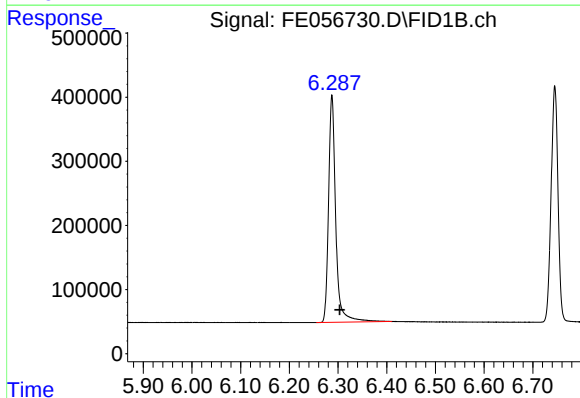
R.T.: 3.320 min
Delta R.T.: -0.013 min
Response: 3370909
Conc: 20.07 ug/ml

Instrument :
FID_F
ClientSampleId :



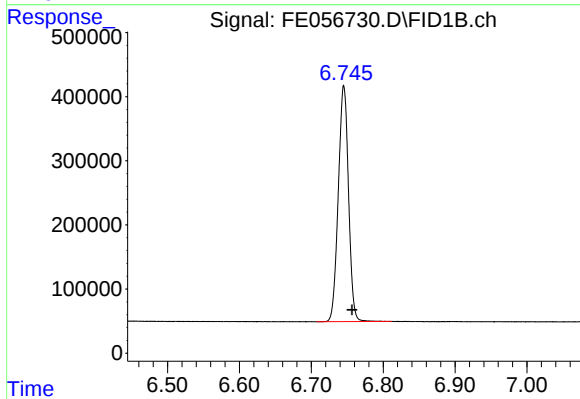
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.012 min
Response: 3526305
Conc: 20.55 ug/ml



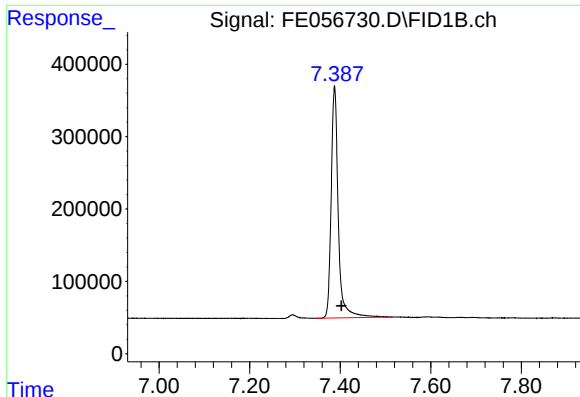
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.016 min
Response: 3650527
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

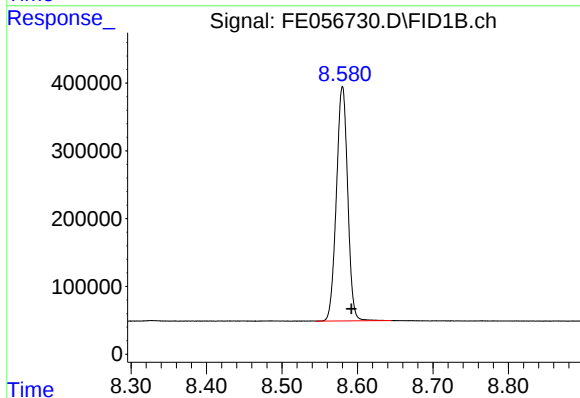
R.T.: 6.745 min
Delta R.T.: -0.012 min
Response: 3635434
Conc: 20.90 ug/ml



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

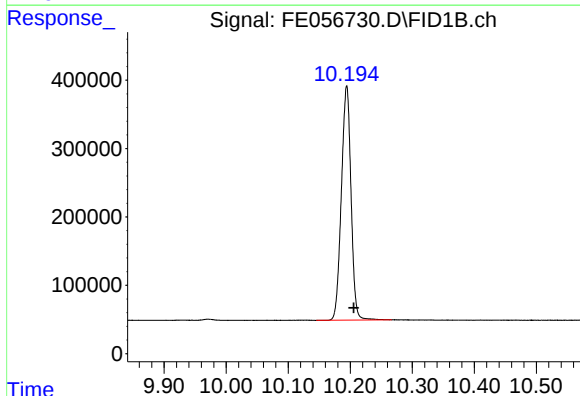
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 3483044
Conc: 19.65 ug/ml

Instrument :
FID_F
ClientSampleId :



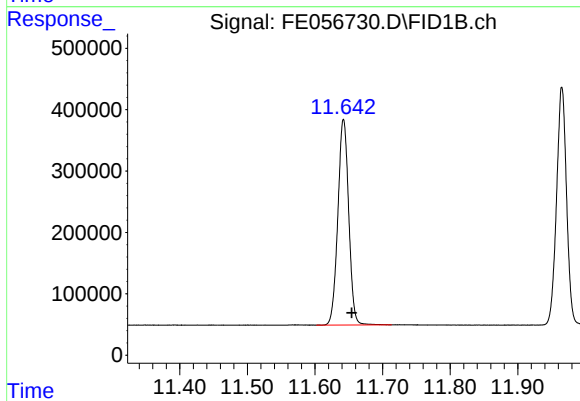
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.012 min
Response: 3599119
Conc: 20.62 ug/ml



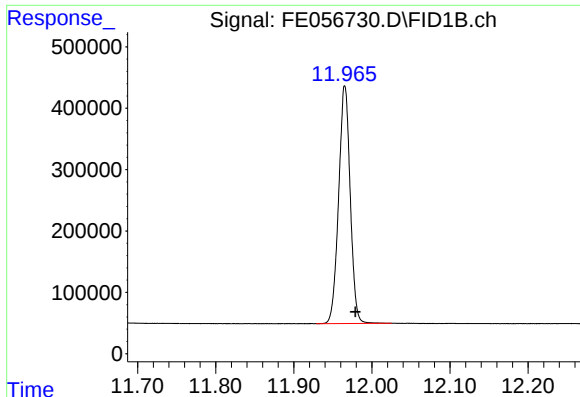
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.011 min
Response: 3697875
Conc: 20.21 ug/ml



#8 n-Octadecane (C18)

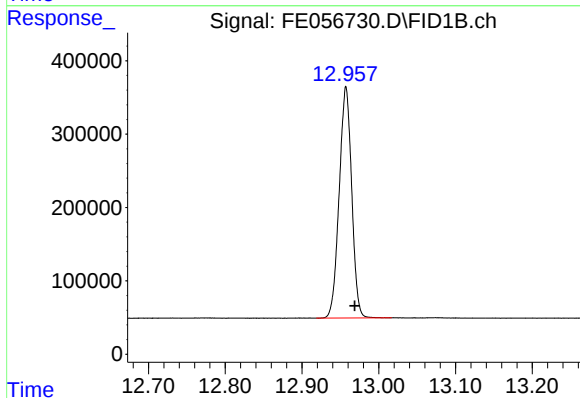
R.T.: 11.642 min
Delta R.T.: -0.012 min
Response: 3733543
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

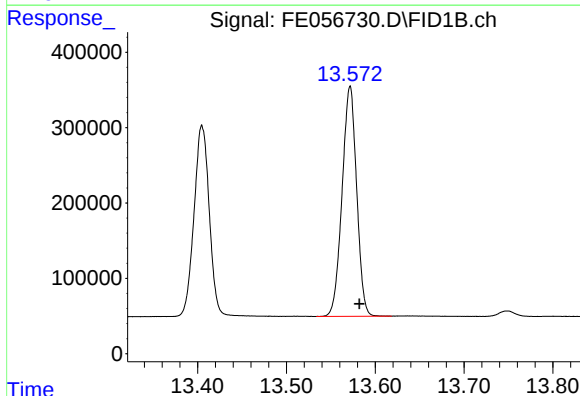
R.T.: 11.965 min
Delta R.T.: -0.013 min
Response: 3984073
Conc: 19.07 ug/ml

Instrument :
FID_F
ClientSampleId :



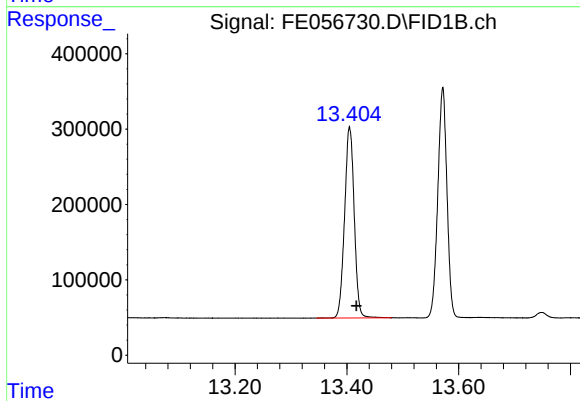
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.012 min
Response: 3563445
Conc: 19.12 ug/ml



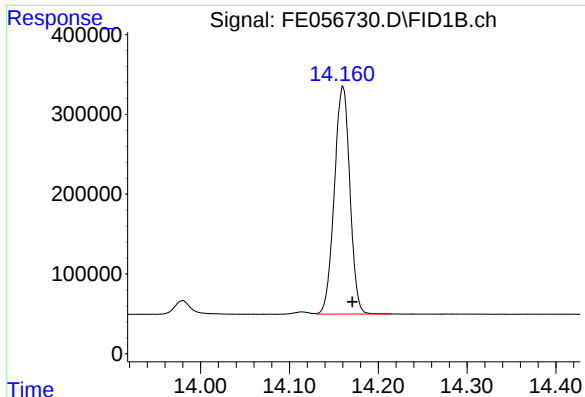
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.011 min
Response: 3473740
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

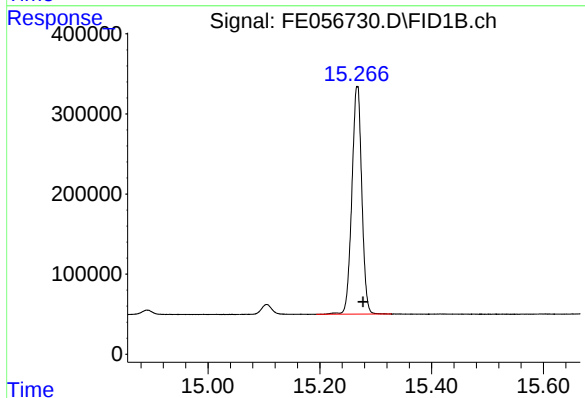
R.T.: 13.405 min
Delta R.T.: -0.012 min
Response: 3027379
Conc: 18.79 ug/ml



#13 n-Docosane (C22)

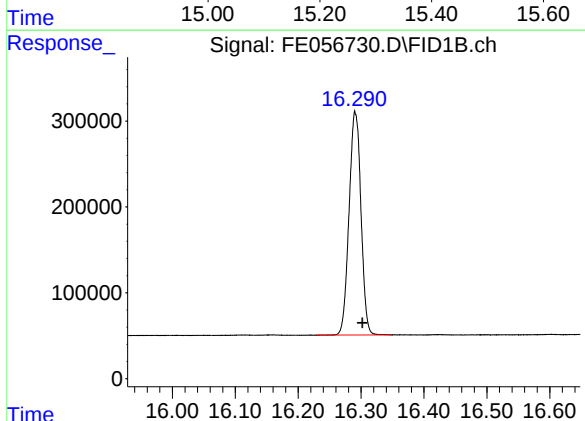
R.T.: 14.160 min
Delta R.T.: -0.011 min
Response: 3472730
Conc: 18.55 ug/ml

Instrument :
FID_F
ClientSampleId :



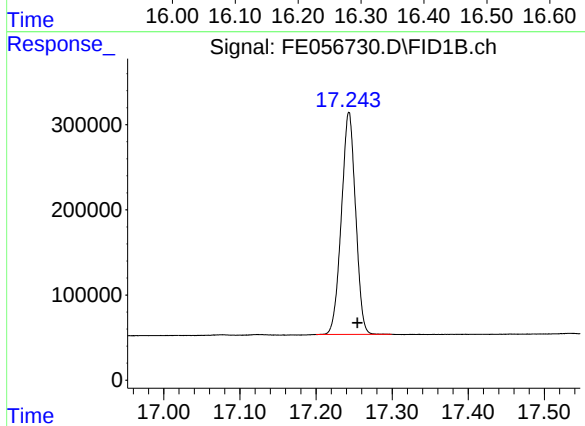
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: -0.010 min
Response: 3502025
Conc: 17.88 ug/ml



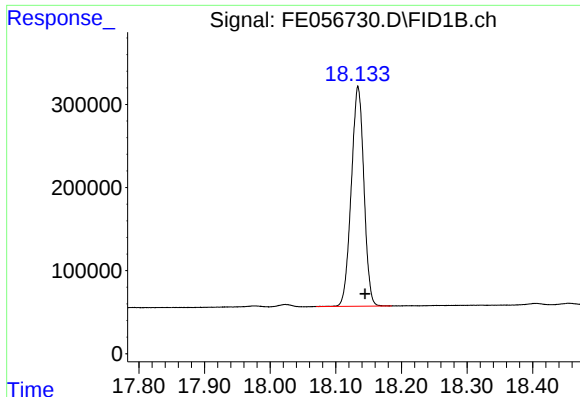
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: -0.011 min
Response: 3419099
Conc: 17.59 ug/ml



#16 n-Octacosane (C28)

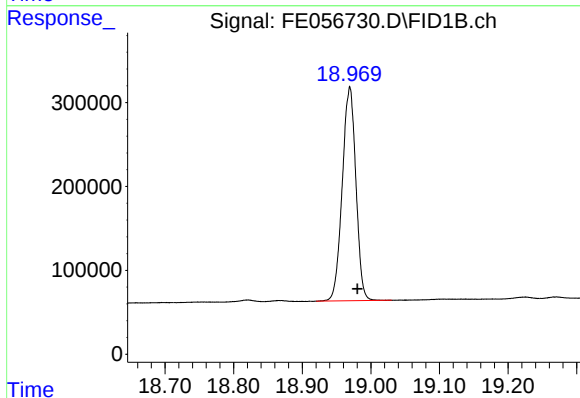
R.T.: 17.243 min
Delta R.T.: -0.011 min
Response: 3382932
Conc: 17.47 ug/ml



#17 n-Tricontane (C30)

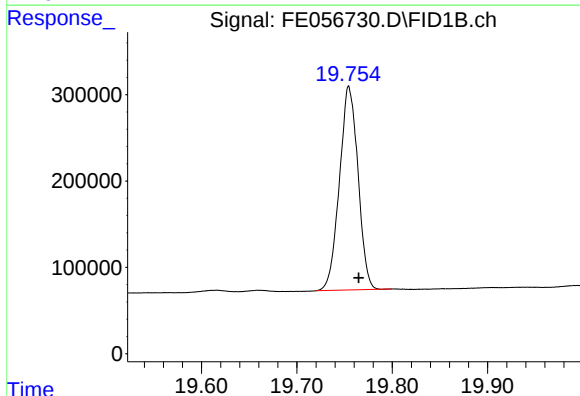
R.T.: 18.134 min
Delta R.T.: -0.011 min
Response: 3529540
Conc: 17.60 ug/ml

Instrument :
FID_F
ClientSampleId :



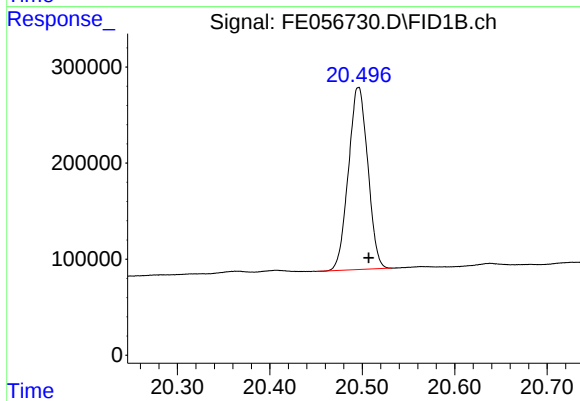
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: -0.012 min
Response: 3518147
Conc: 17.89 ug/ml



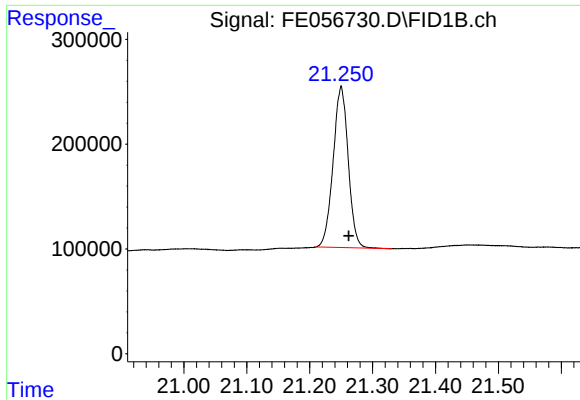
#19 n-Tetratriacontane (C34)

R.T.: 19.755 min
Delta R.T.: -0.010 min
Response: 3189071
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

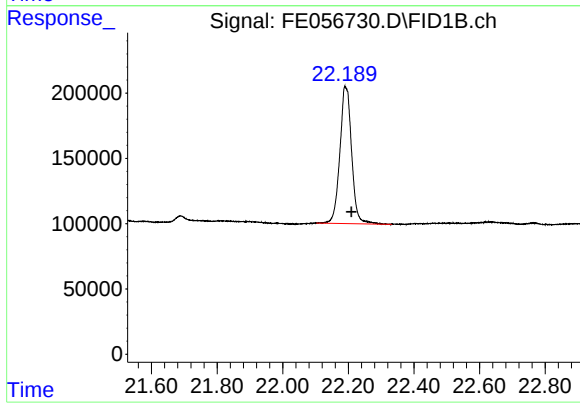
R.T.: 20.496 min
Delta R.T.: -0.011 min
Response: 2764764
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: -0.012 min
Response: 2556945
Conc: 20.32 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: -0.018 min
Response: 2607260
Conc: 22.55 ug/ml