

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111025AL\
 Data File : FE056708.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2025 09:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 10 13:35:22 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	4092201	19.588 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.404	3101239	19.248 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.321	3446207	20.518 ug/ml
2) T n-Decane (C10)	4.573	3595425	20.953 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3742702	20.276 ug/ml
4) T n-Dodecane (C12)	6.746	3703590	21.294 ug/ml
5) T A~2-methylnaphthalene...	7.388	3565670	20.120 ug/ml
6) T n-Tetradecane (C14)	8.581	3678266	21.073 ug/ml
7) T n-Hexadecane (C16)	10.194	3776838	20.643 ug/ml
8) T n-Octadecane (C18)	11.643	3814321	20.153 ug/ml
10) T n-Eicosane (C20)	12.956	3643584	19.551 ug/ml
11) T n-Heneicosane (C21)	13.570	3551466	19.314 ug/ml
13) T n-Docosane (C22)	14.159	3557180	19.002 ug/ml
14) T n-Tetracosane (C24)	15.265	3600323	18.382 ug/ml
15) T n-Hexacosane (C26)	16.289	3527647	18.152 ug/ml
16) T n-Octacosane (C28)	17.242	3481603	17.978 ug/ml
17) T n-Tricontane (C30)	18.132	3619953	18.055 ug/ml
18) T n-Dotriacontane (C32)	18.967	3628939	18.454 ug/ml
19) T n-Tetratriacontane (C34)	19.752	3286415	19.040 ug/ml
20) T n-Hexatriacontane (C36)	20.494	2918090	20.173 ug/ml
21) T n-Octatriacontane (C38)	21.246	2580527	20.503 ug/ml
22) T n-Tetracontane (C40)	22.188	2741149	23.710 ug/ml

(f)=RT Delta > 1/2 Window

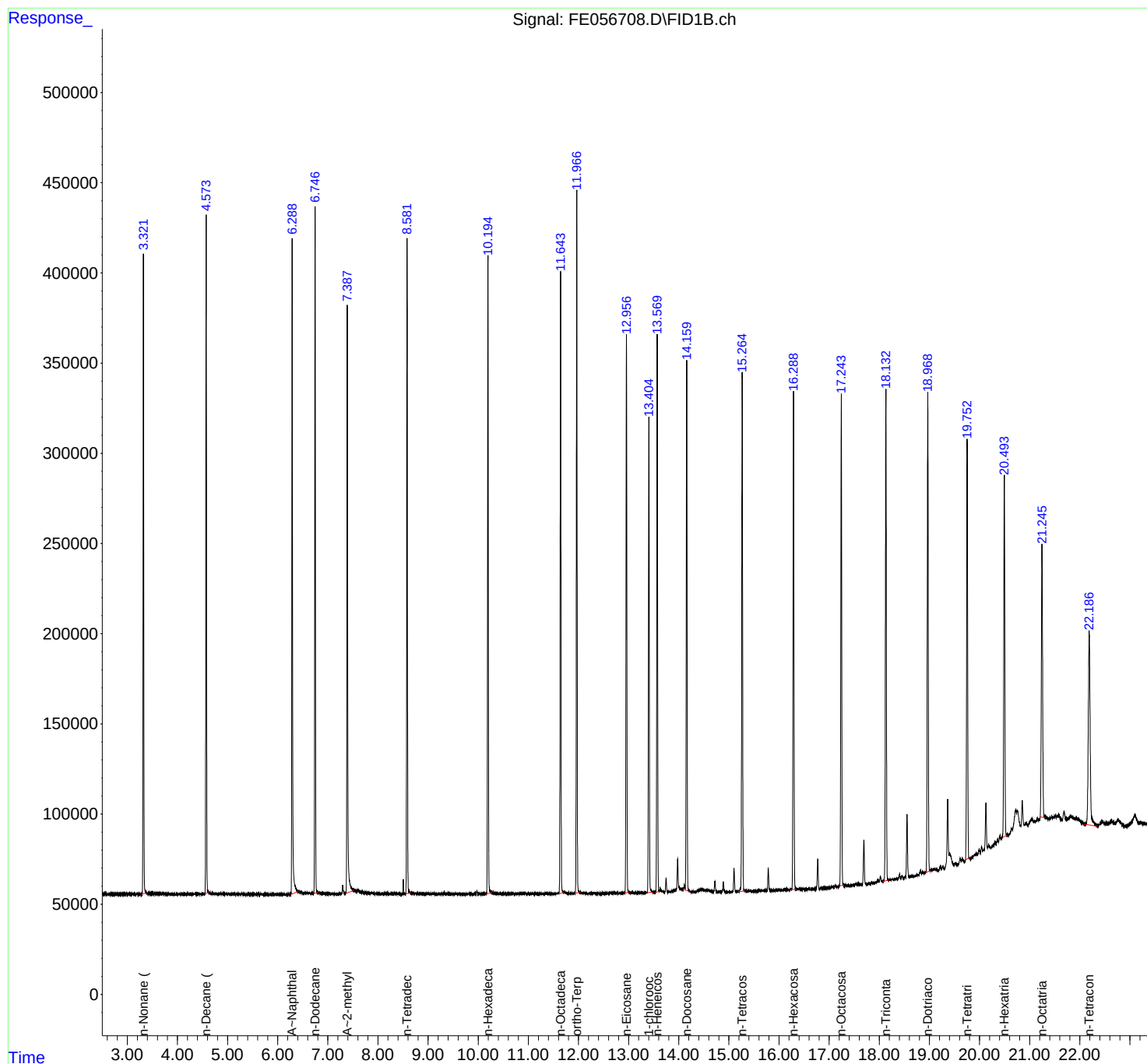
(m)=manual int.

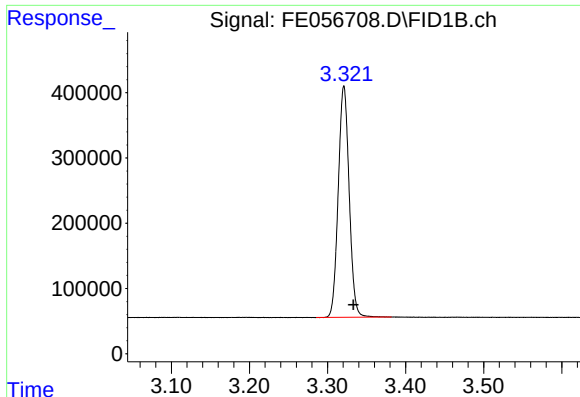
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111025AL\
Data File : FE056708.D
Signal(s) : FID1B.ch
Acq On : 10 Nov 2025 09:42
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 10 13:35:22 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

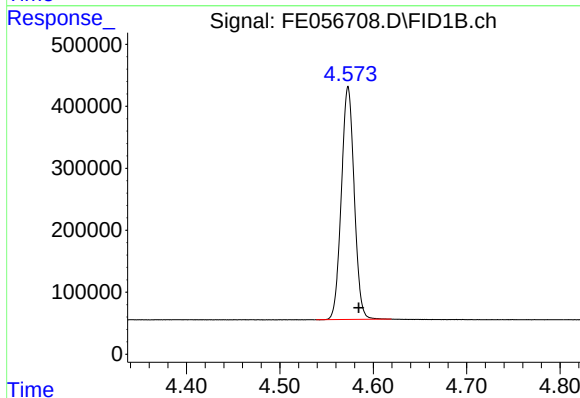




#1 n-Nonane (C9)

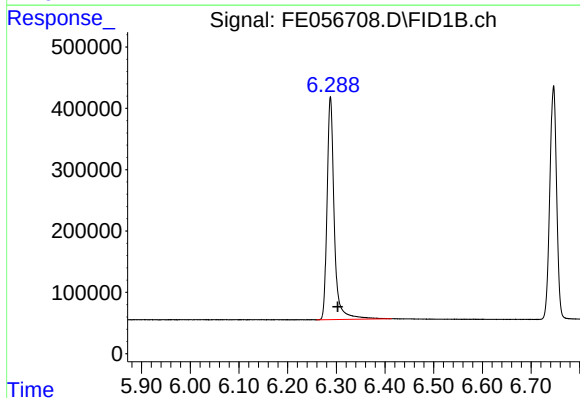
R.T.: 3.321 min
Delta R.T.: -0.012 min
Response: 3446207
Conc: 20.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



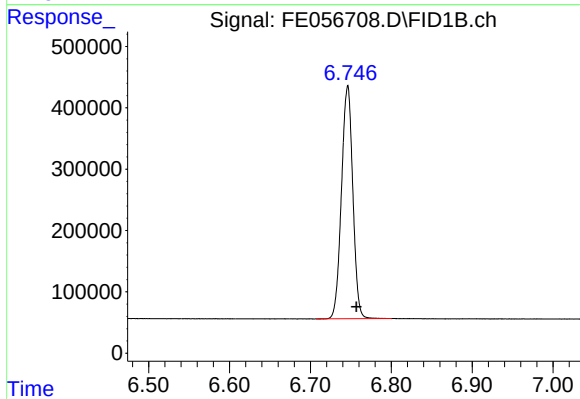
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.011 min
Response: 3595425
Conc: 20.95 ug/ml



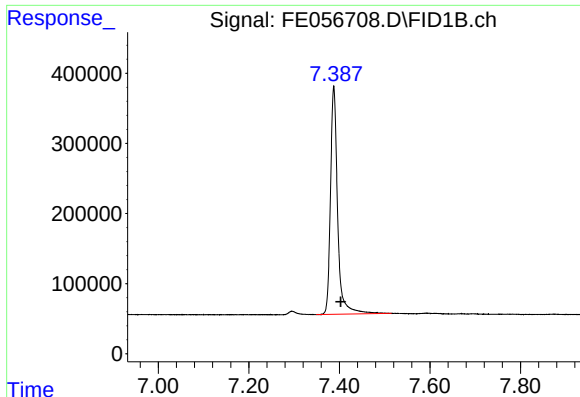
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.015 min
Response: 3742702
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

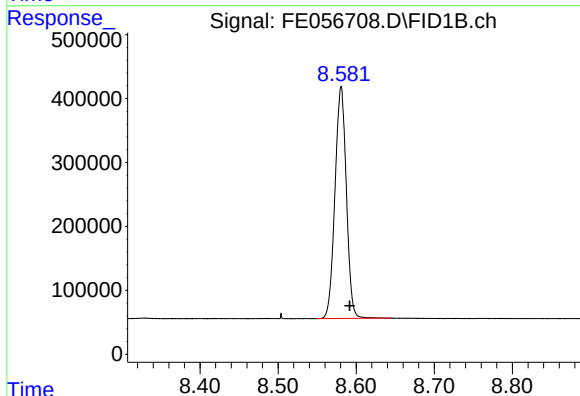
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 3703590
Conc: 21.29 ug/ml



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

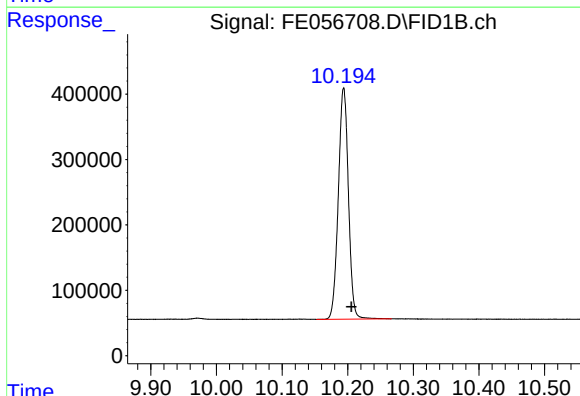
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 3565670
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



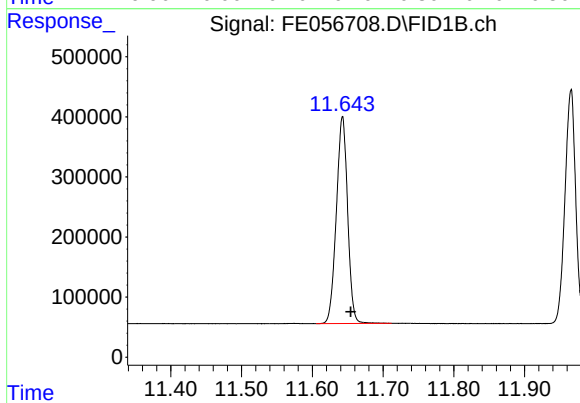
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.011 min
Response: 3678266
Conc: 21.07 ug/ml



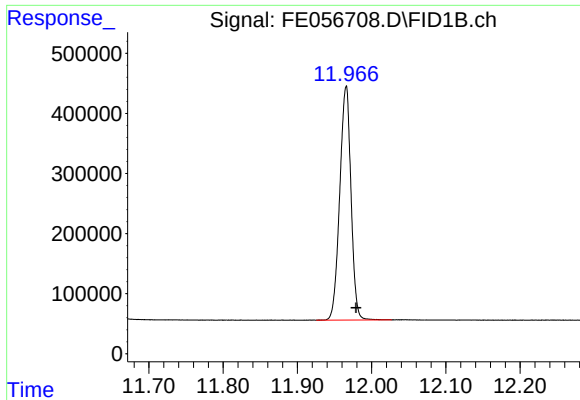
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.012 min
Response: 3776838
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

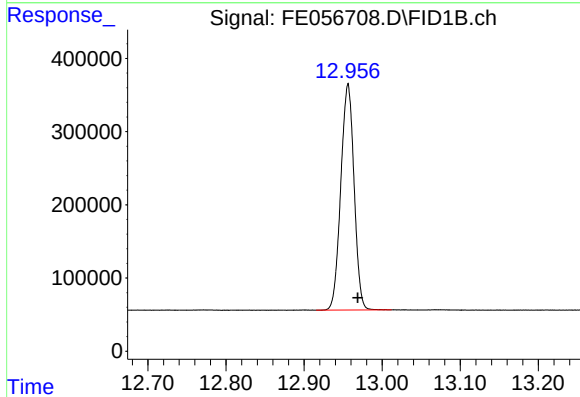
R.T.: 11.643 min
Delta R.T.: -0.012 min
Response: 3814321
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

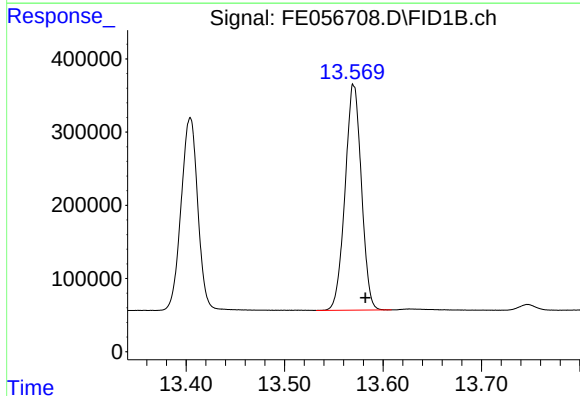
R.T.: 11.965 min
Delta R.T.: -0.013 min
Response: 4092201
Conc: 19.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



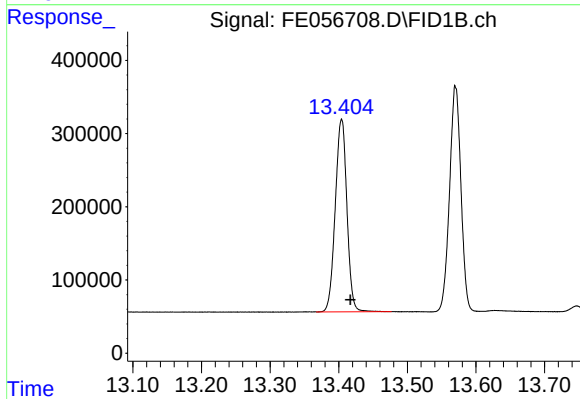
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.013 min
Response: 3643584
Conc: 19.55 ug/ml



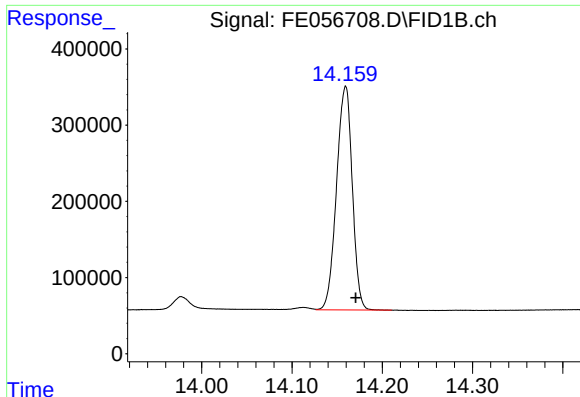
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.012 min
Response: 3551466
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

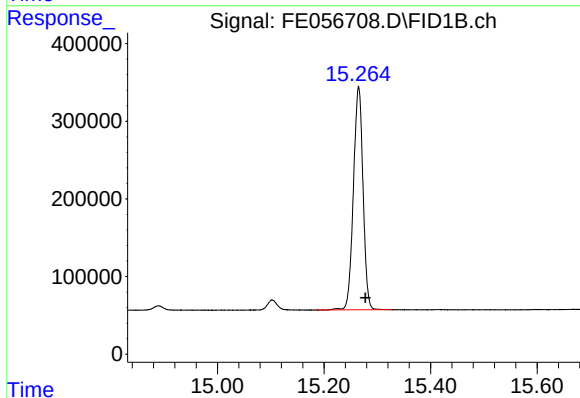
R.T.: 13.404 min
Delta R.T.: -0.013 min
Response: 3101239
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

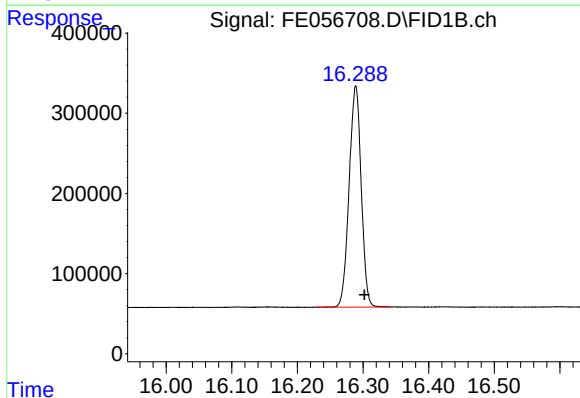
R.T.: 14.159 min
Delta R.T.: -0.012 min
Response: 3557180
Conc: 19.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



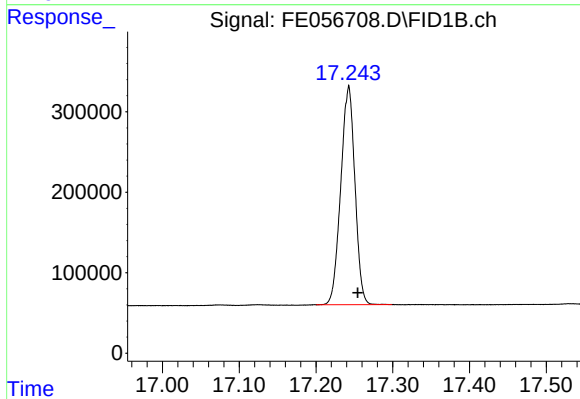
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.012 min
Response: 3600323
Conc: 18.38 ug/ml



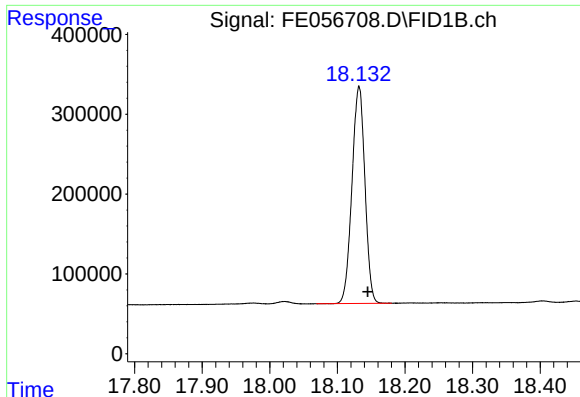
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: -0.013 min
Response: 3527647
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

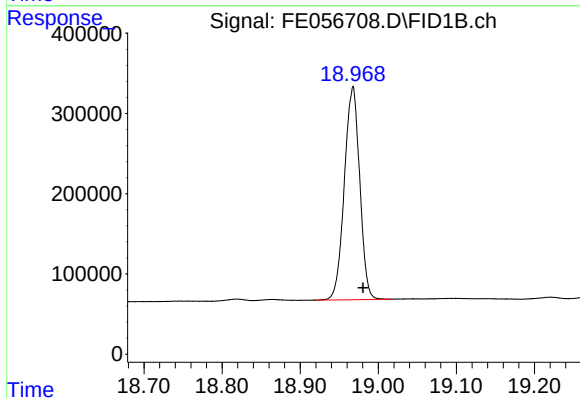
R.T.: 17.242 min
Delta R.T.: -0.012 min
Response: 3481603
Conc: 17.98 ug/ml



#17 n-Tricontane (C30)

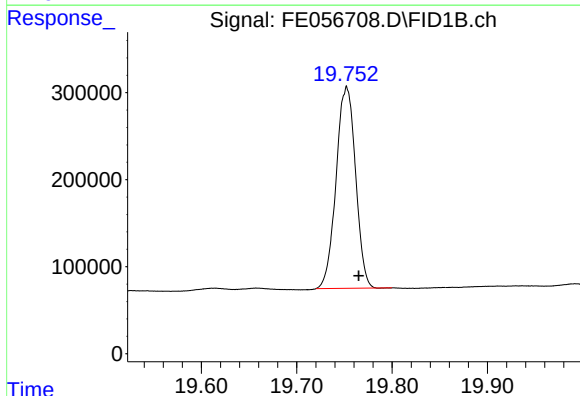
R.T.: 18.132 min
Delta R.T.: -0.013 min
Response: 3619953
Conc: 18.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



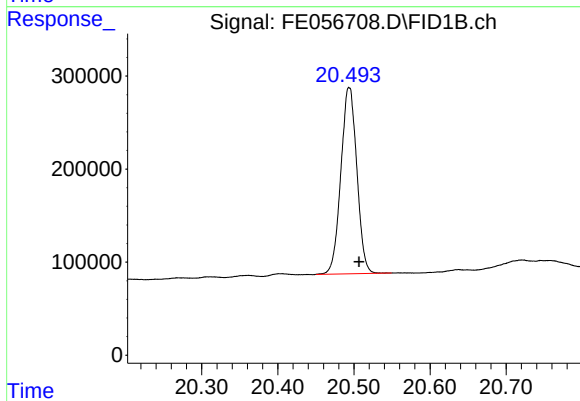
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: -0.013 min
Response: 3628939
Conc: 18.45 ug/ml



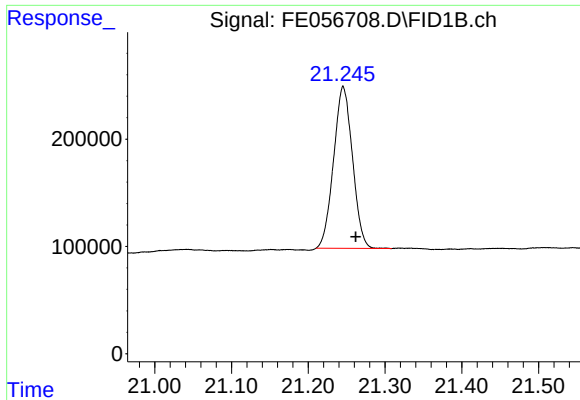
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: -0.013 min
Response: 3286415
Conc: 19.04 ug/ml



#20 n-Hexatriacontane (C36)

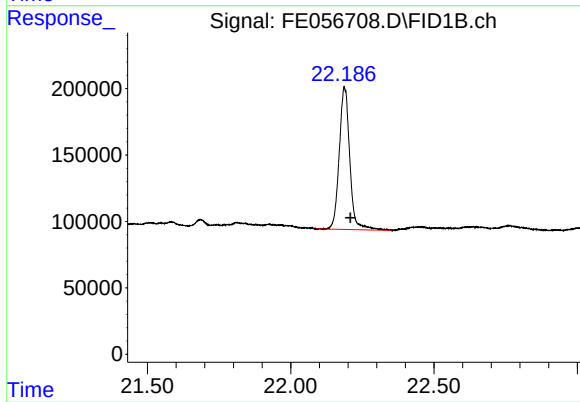
R.T.: 20.494 min
Delta R.T.: -0.013 min
Response: 2918090
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.246 min
Delta R.T.: -0.016 min
Response: 2580527
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.188 min
Delta R.T.: -0.021 min
Response: 2741149
Conc: 23.71 ug/ml