

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056954.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 08:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 10:08:00 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)	11.950	3769186	18.042 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
12) S 1-chlorooctadecane (S...	13.388	2846868	17.670 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
Target Compounds			
1) T n-Nonane (C9)	3.312	3404231	20.268 ug/ml
2) T n-Decane (C10)	4.564	3502161	20.410 ug/ml
3) T A~Naphthalene (C11.7)	6.279	3544351	19.202 ug/ml
4) T n-Dodecane (C12)	6.735	3536558	20.333 ug/ml
5) T A~2-methylnaphthalene...	7.378	3350209	18.904 ug/ml
6) T n-Tetradecane (C14)	8.568	3479696	19.935 ug/ml
7) T n-Hexadecane (C16)	10.180	3543279	19.367 ug/ml
8) T n-Octadecane (C18)	11.628	3536514	18.685 ug/ml
10) T n-Eicosane (C20)	12.940	3356707	18.012 ug/ml
11) T n-Heneicosane (C21)	13.554	3267824	17.771 ug/ml
13) T n-Docosane (C22)	14.141	3258447	17.406 ug/ml
14) T n-Tetracosane (C24)	15.248	3233814	16.510 ug/ml
15) T n-Hexacosane (C26)	16.271	3183861	16.383 ug/ml
16) T n-Octacosane (C28)	17.224	3207359	16.562 ug/ml
17) T n-Tricontane (C30)	18.114	3355613	16.737 ug/ml
18) T n-Dotriacontane (C32)	18.948	3367029	17.122 ug/ml
19) T n-Tetratriacontane (C34)	19.732	3116777	18.057 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2702293	18.681 ug/ml
21) T n-Octatriacontane (C38)	21.223	2755214	21.891 ug/ml
22) T n-Tetracontane (C40)	22.158	2857565	24.716 ug/ml

(f)=RT Delta > 1/2 Window

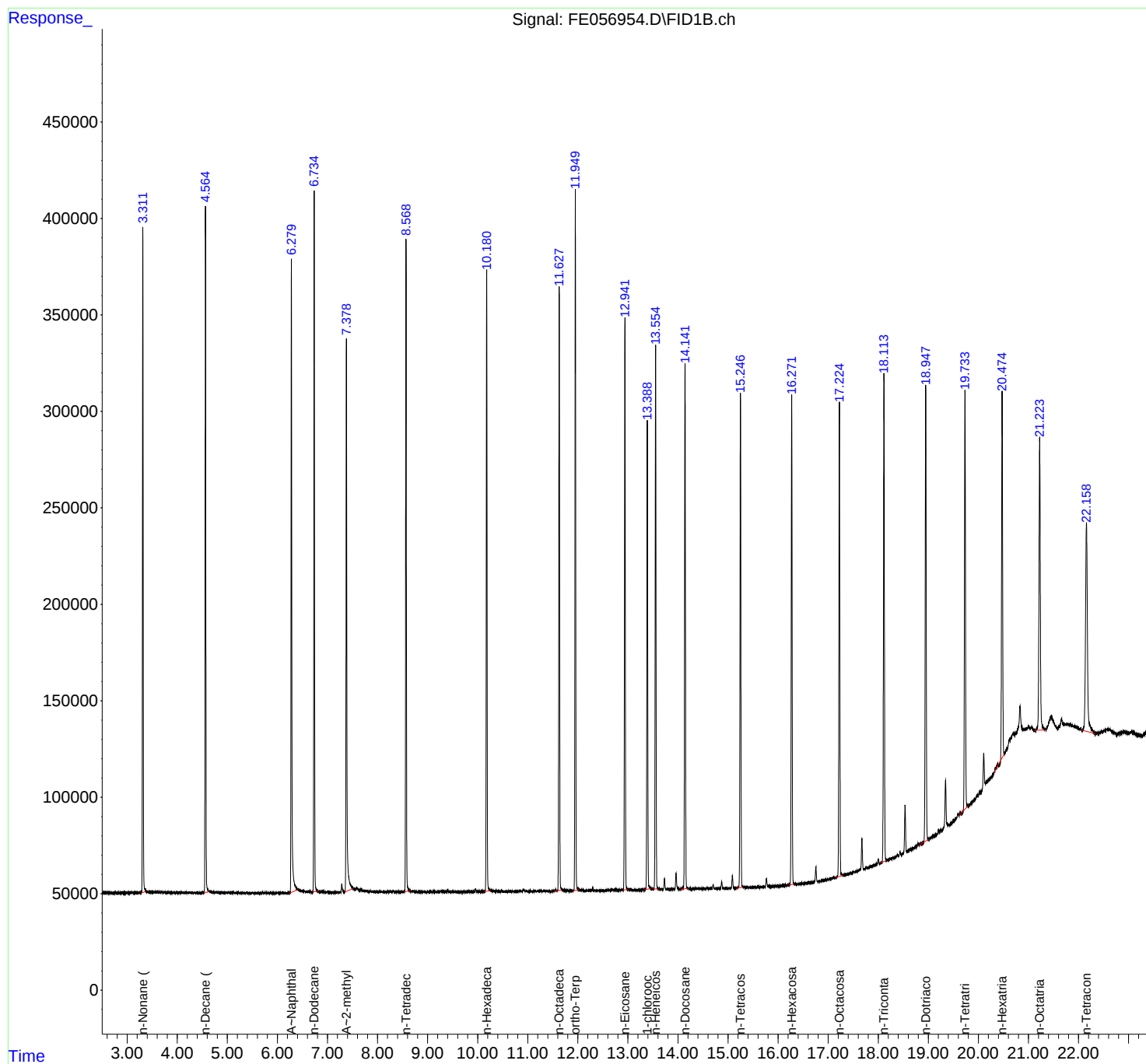
(m)=manual int.

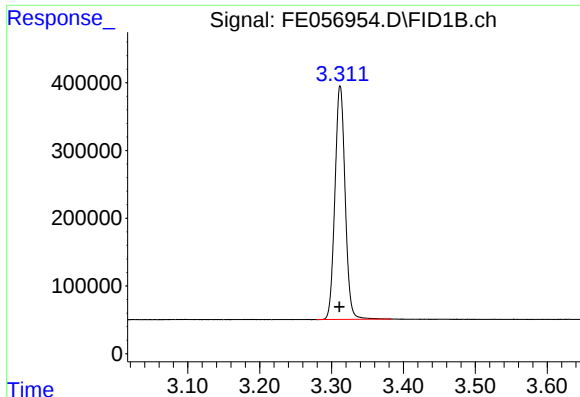
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
Data File : FE056954.D
Signal(s) : FID1B.ch
Acq On : 20 Nov 2025 08:58
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 20 10:08:00 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

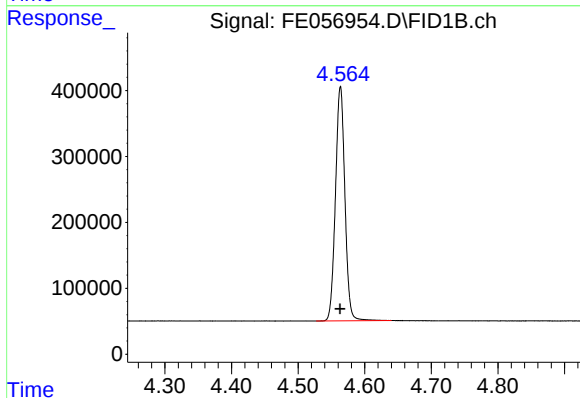




#1 n-Nonane (C9)

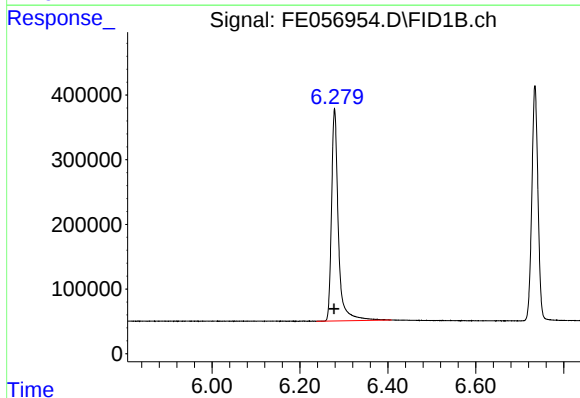
R.T.: 3.312 min
Delta R.T.: 0.001 min
Response: 3404231
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



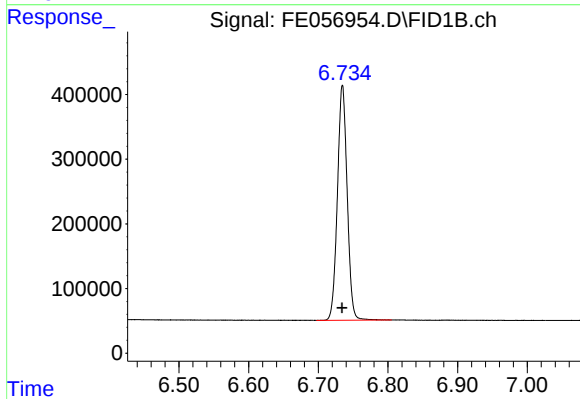
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 3502161
Conc: 20.41 ug/ml



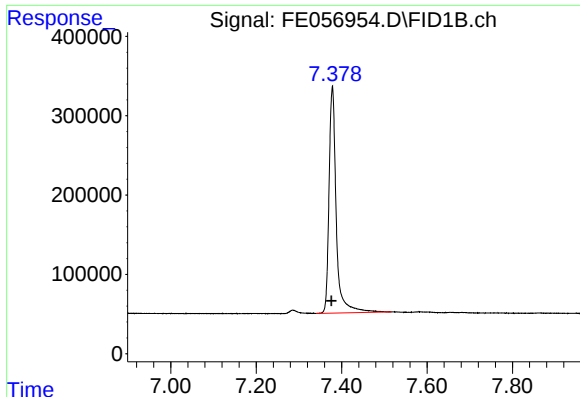
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.001 min
Response: 3544351
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

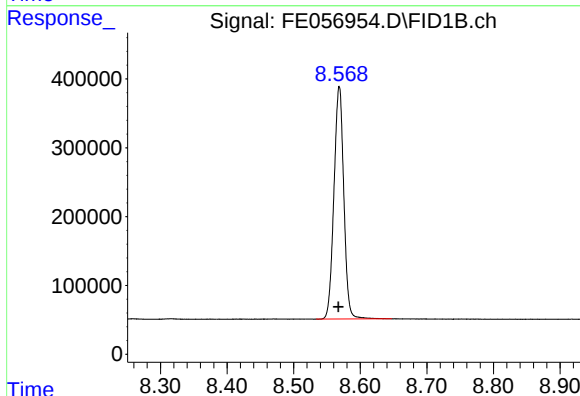
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3536558
Conc: 20.33 ug/ml



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

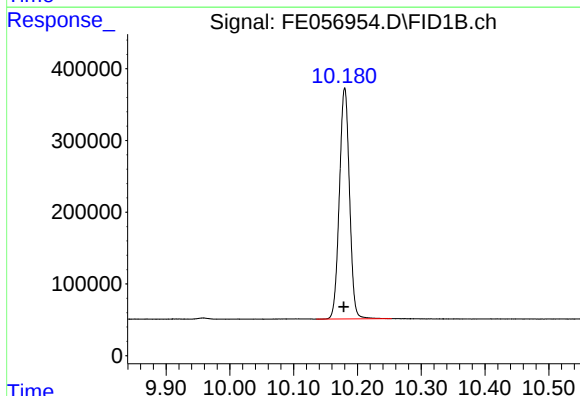
R.T.: 7.378 min
Delta R.T.: 0.002 min
Response: 3350209
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



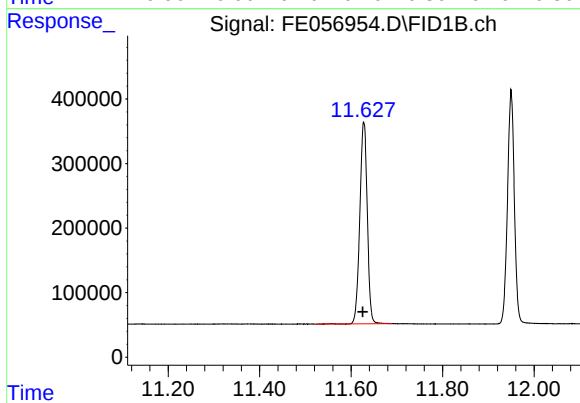
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 3479696
Conc: 19.94 ug/ml



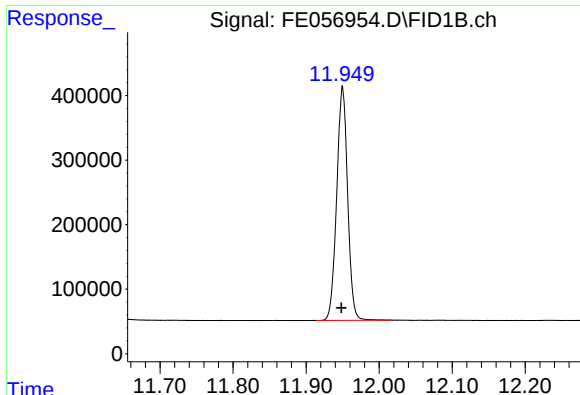
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.001 min
Response: 3543279
Conc: 19.37 ug/ml



#8 n-Octadecane (C18)

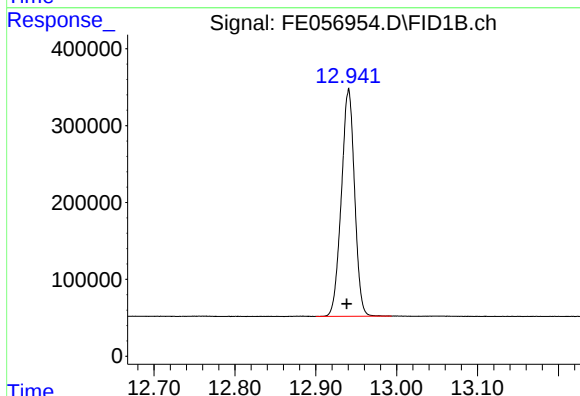
R.T.: 11.628 min
Delta R.T.: 0.002 min
Response: 3536514
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

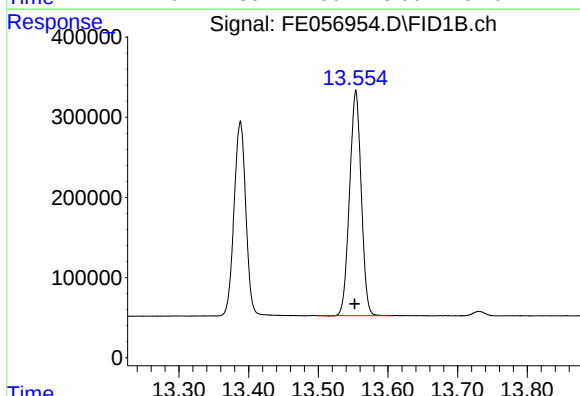
R.T.: 11.950 min
Delta R.T.: 0.001 min
Response: 3769186
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



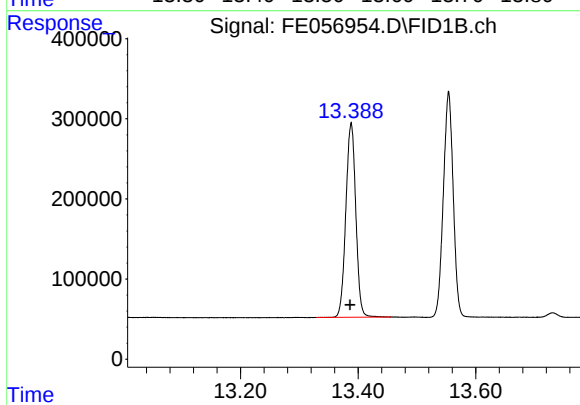
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.002 min
Response: 3356707
Conc: 18.01 ug/ml



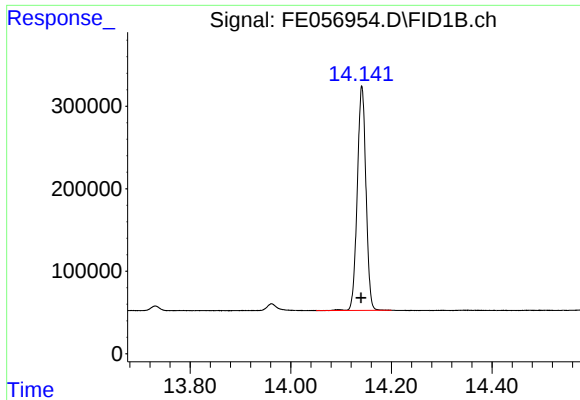
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.001 min
Response: 3267824
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

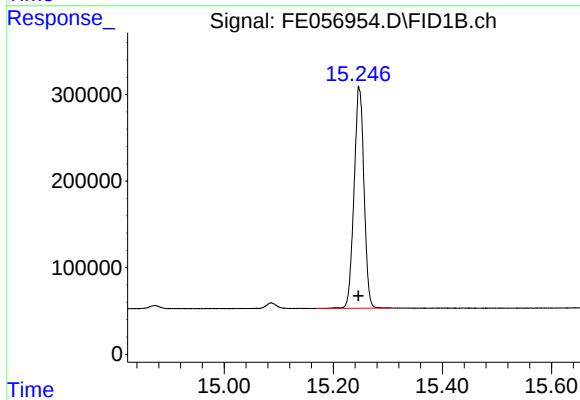
R.T.: 13.388 min
Delta R.T.: 0.002 min
Response: 2846868
Conc: 17.67 ug/ml



#13 n-Docosane (C22)

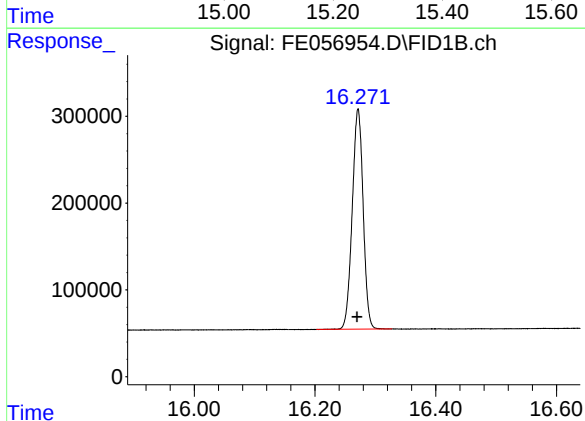
R.T.: 14.141 min
Delta R.T.: 0.002 min
Response: 3258447
Conc: 17.41 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



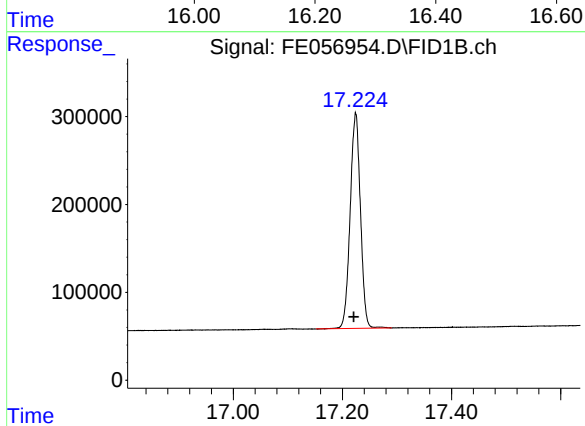
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.002 min
Response: 3233814
Conc: 16.51 ug/ml



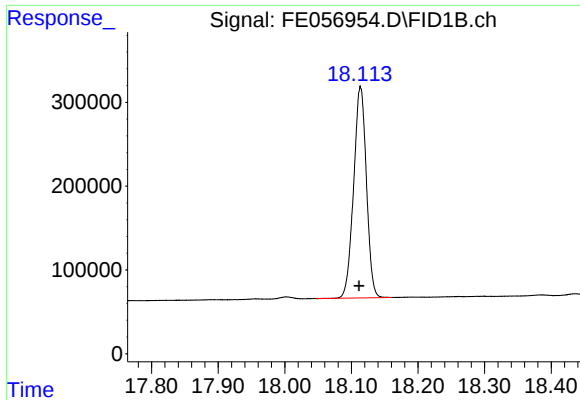
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.002 min
Response: 3183861
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

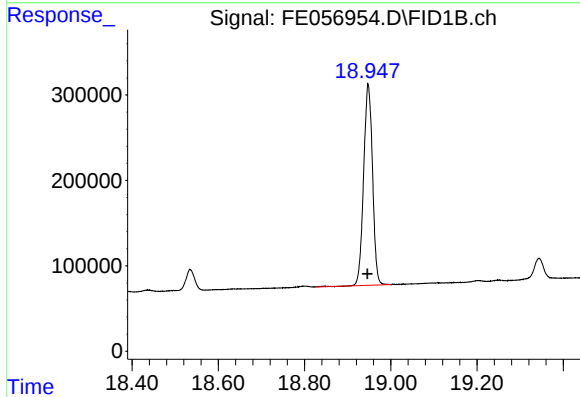
R.T.: 17.224 min
Delta R.T.: 0.003 min
Response: 3207359
Conc: 16.56 ug/ml



#17 n-Tricontane (C30)

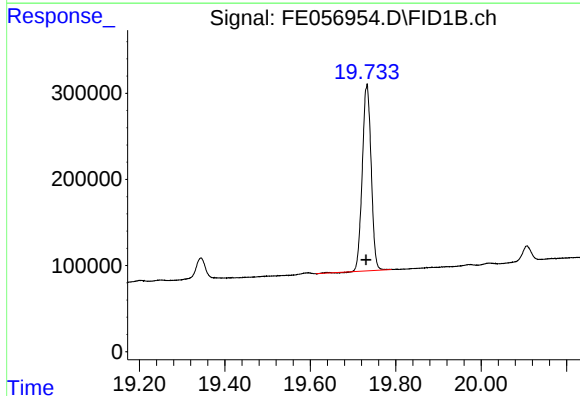
R.T.: 18.114 min
Delta R.T.: 0.002 min
Response: 3355613
Conc: 16.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



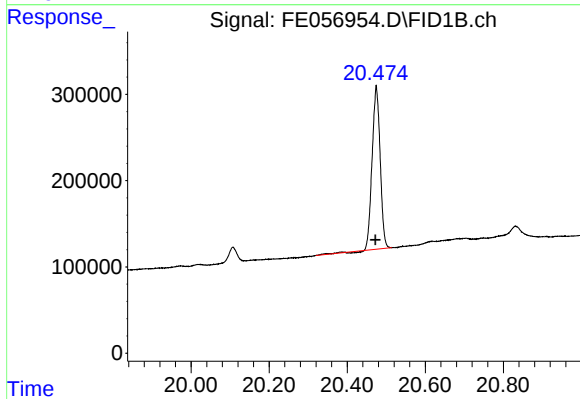
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: 0.002 min
Response: 3367029
Conc: 17.12 ug/ml



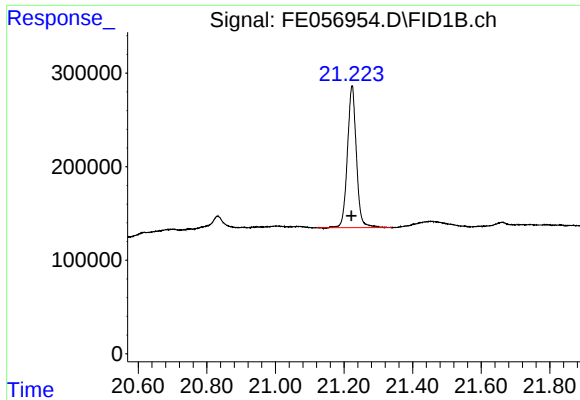
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: 0.001 min
Response: 3116777
Conc: 18.06 ug/ml



#20 n-Hexatriacontane (C36)

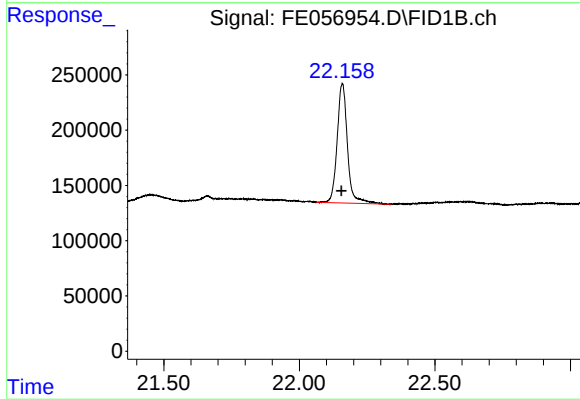
R.T.: 20.475 min
Delta R.T.: 0.002 min
Response: 2702293
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.002 min
Response: 2755214
Conc: 21.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.003 min
Response: 2857565
Conc: 24.72 ug/ml