

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102425AL\
 Data File : FE056504.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2025 22:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 25 00:36:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 24 08:17:58 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)	11.995	3580492	17.526 ug/ml
Spiked Amount 50.000		Recovery =	35.05%
12) S 1-chlorooctadecane (S...	13.434	2687455	17.613 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
Target Compounds			
1) T n-Nonane (C9)	3.348	2860188	17.547 ug/ml
2) T n-Decane (C10)	4.602	1670708	10.159 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3255301	18.415 ug/ml
4) T n-Dodecane (C12)	6.775	3178765	18.946 ug/ml
5) T A~2-methylnaphthalene...	7.416	3137098	18.827 ug/ml
6) T n-Tetradecane (C14)	8.610	3151484	18.970 ug/ml
7) T n-Hexadecane (C16)	10.225	3258040	18.622 ug/ml
8) T n-Octadecane (C18)	11.673	3304130	18.113 ug/ml
10) T n-Eicosane (C20)	12.987	3150966	17.697 ug/ml
11) T n-Heneicosane (C21)	13.601	3066936	17.480 ug/ml
13) T n-Docosane (C22)	14.189	3056885	17.269 ug/ml
14) T n-Tetracosane (C24)	15.296	3053537	16.783 ug/ml
15) T n-Hexacosane (C26)	16.320	2977795	16.589 ug/ml
16) T n-Octacosane (C28)	17.272	3012994	16.937 ug/ml
17) T n-Tricontane (C30)	18.163	3419664	18.835 ug/ml
18) T n-Dotriacontane (C32)	18.996	3397716	19.272 ug/ml
19) T n-Tetratriacontane (C34)	19.781	3151483	20.358 ug/ml
20) T n-Hexatriacontane (C36)	20.523	2399359	19.205 ug/ml
21) T n-Octatriacontane (C38)	21.282	2421746	23.179 ug/ml
22) T n-Tetracontane (C40)	22.233	1784941	19.670 ug/ml

(f)=RT Delta > 1/2 Window

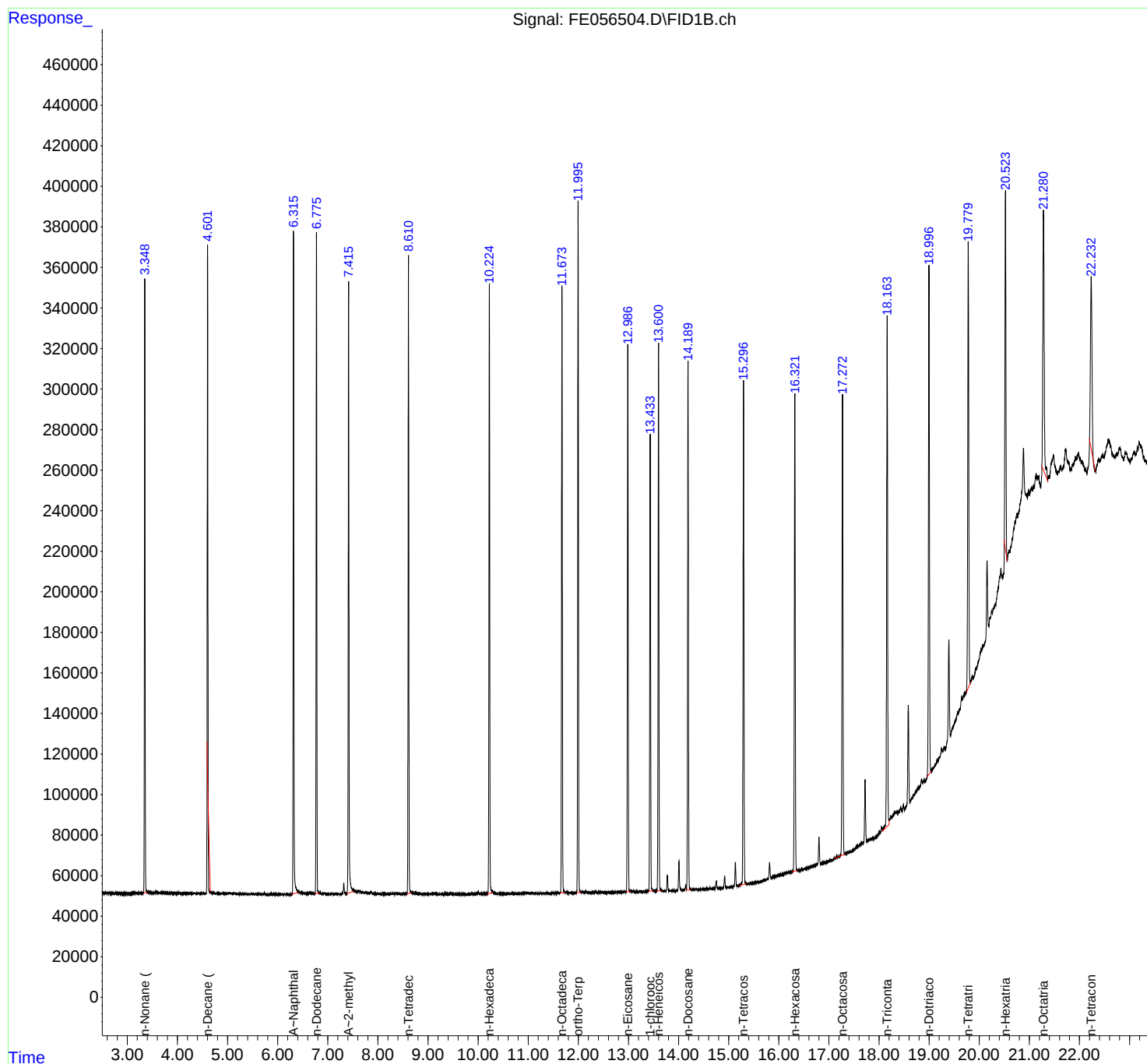
(m)=manual int.

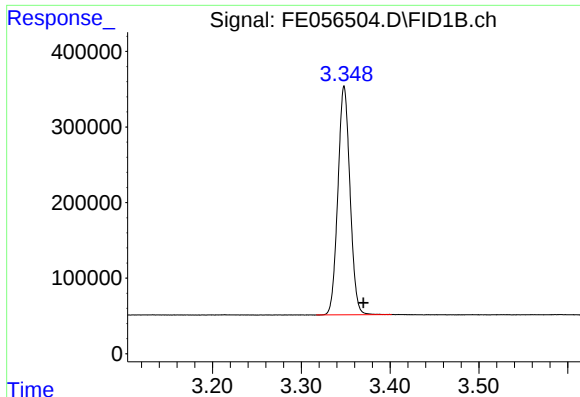
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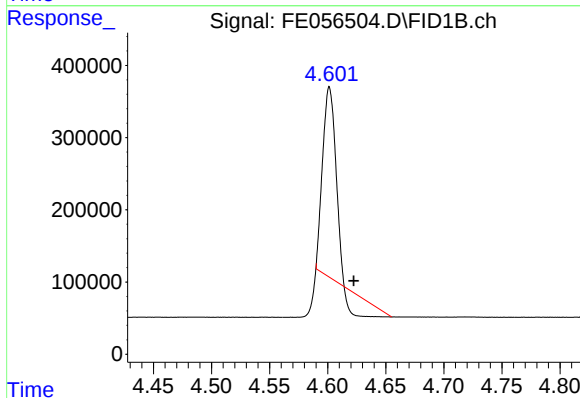




#1 n-Nonane (C9)

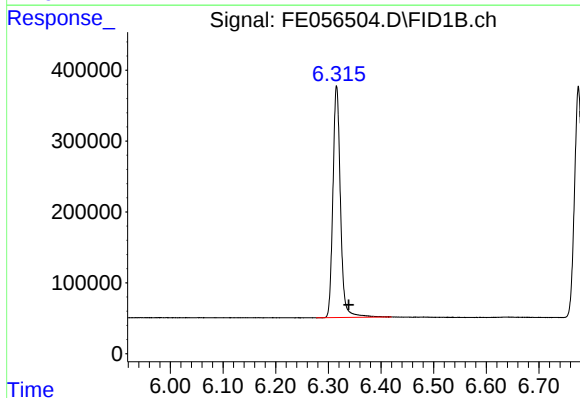
R.T.: 3.348 min
Delta R.T.: -0.022 min
Response: 2860188
Conc: 17.55 ug/ml

Instrument :
FID_C
ClientSampleId :



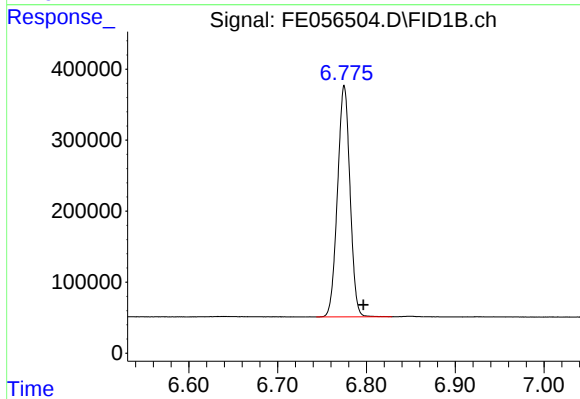
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.021 min
Response: 1670708
Conc: 10.16 ug/ml



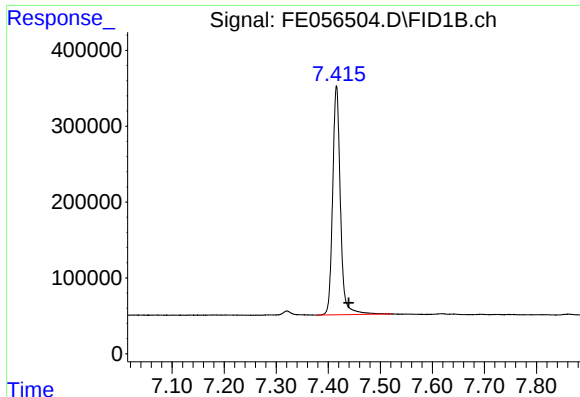
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.023 min
Response: 3255301
Conc: 18.41 ug/ml



#4 n-Dodecane (C12)

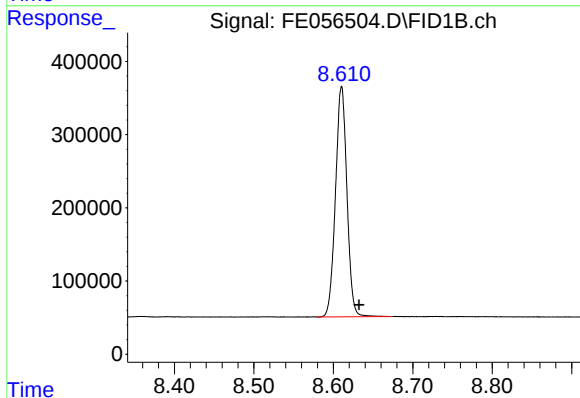
R.T.: 6.775 min
Delta R.T.: -0.022 min
Response: 3178765
Conc: 18.95 ug/ml



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

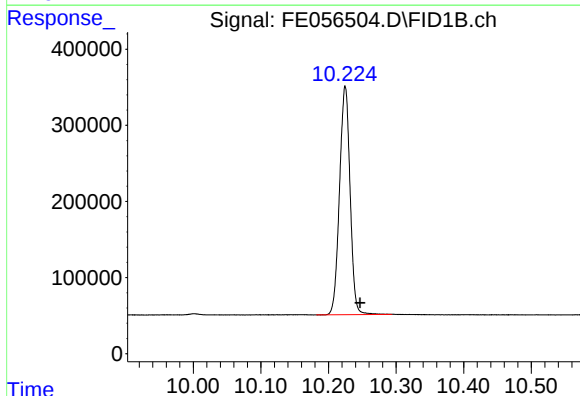
R.T.: 7.416 min
Delta R.T.: -0.023 min
Response: 3137098
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



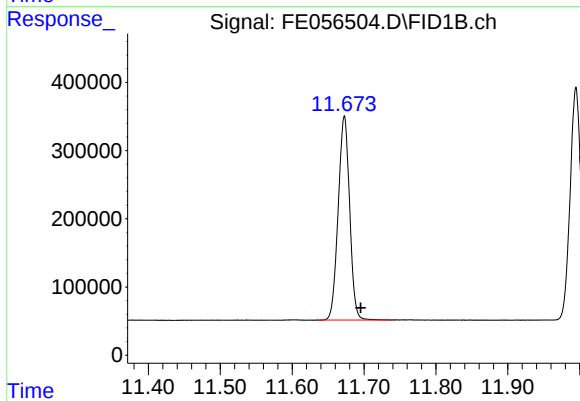
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: -0.022 min
Response: 3151484
Conc: 18.97 ug/ml



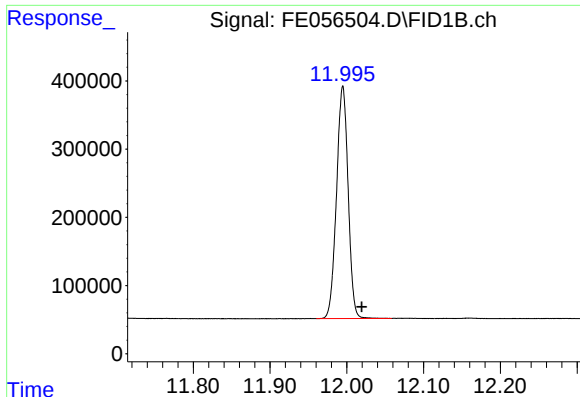
#7 n-Hexadecane (C16)

R.T.: 10.225 min
Delta R.T.: -0.022 min
Response: 3258040
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

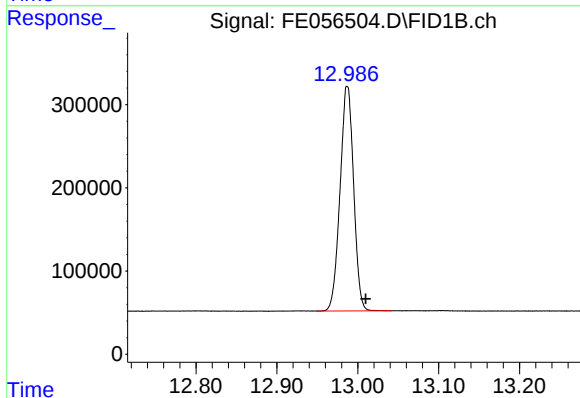
R.T.: 11.673 min
Delta R.T.: -0.023 min
Response: 3304130
Conc: 18.11 ug/ml



#9 ortho-Terphenyl (SURR)

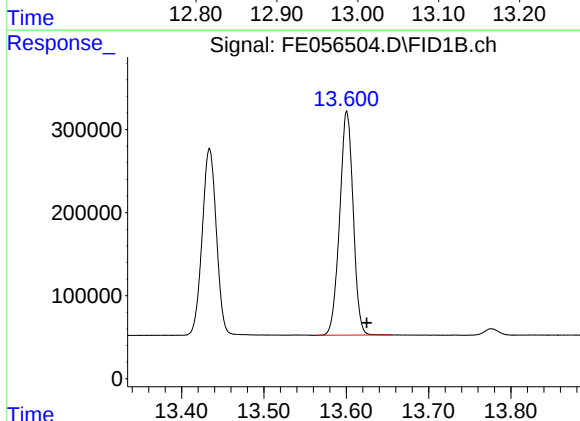
R.T.: 11.995 min
Delta R.T.: -0.025 min
Response: 3580492
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :



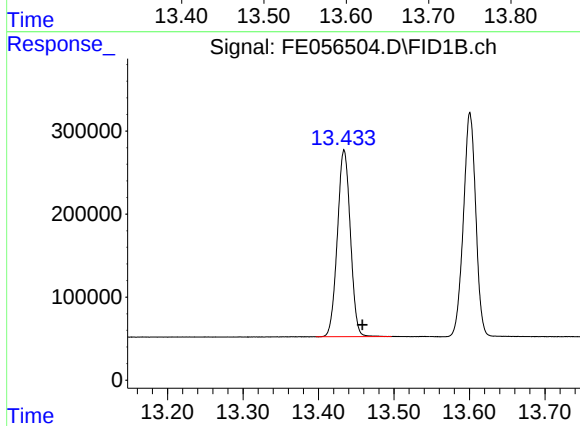
#10 n-Eicosane (C20)

R.T.: 12.987 min
Delta R.T.: -0.023 min
Response: 3150966
Conc: 17.70 ug/ml



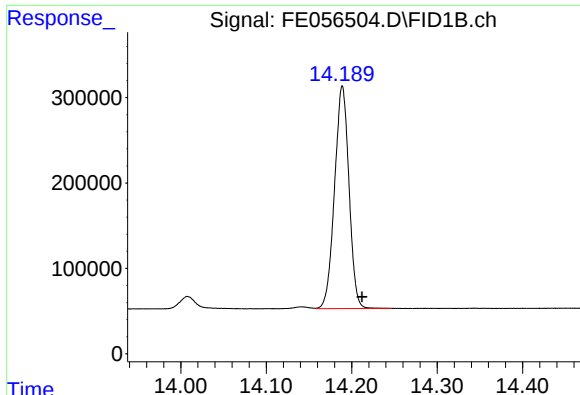
#11 n-Heneicosane (C21)

R.T.: 13.601 min
Delta R.T.: -0.024 min
Response: 3066936
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

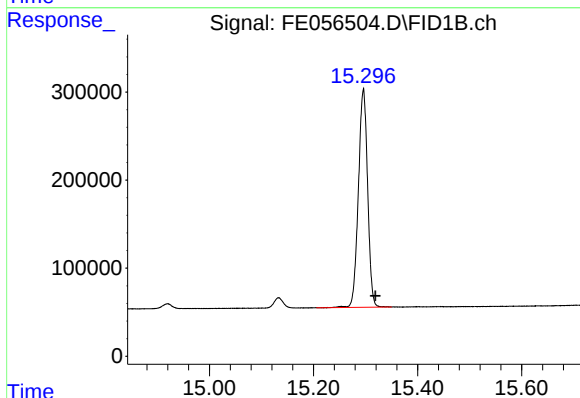
R.T.: 13.434 min
Delta R.T.: -0.024 min
Response: 2687455
Conc: 17.61 ug/ml



#13 n-Docosane (C22)

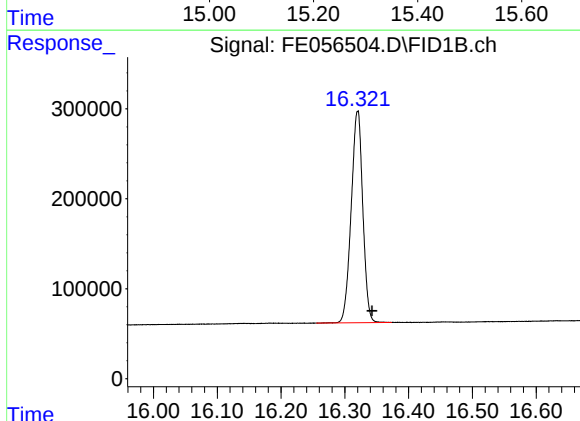
R.T.: 14.189 min
Delta R.T.: -0.023 min
Response: 3056885
Conc: 17.27 ug/ml

Instrument :
FID_C
ClientSampleId :



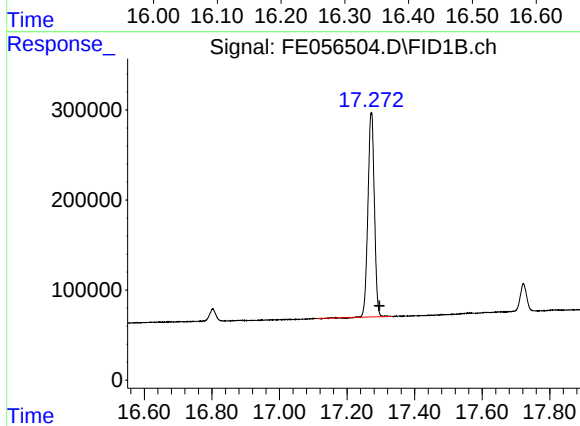
#14 n-Tetracosane (C24)

R.T.: 15.296 min
Delta R.T.: -0.023 min
Response: 3053537
Conc: 16.78 ug/ml



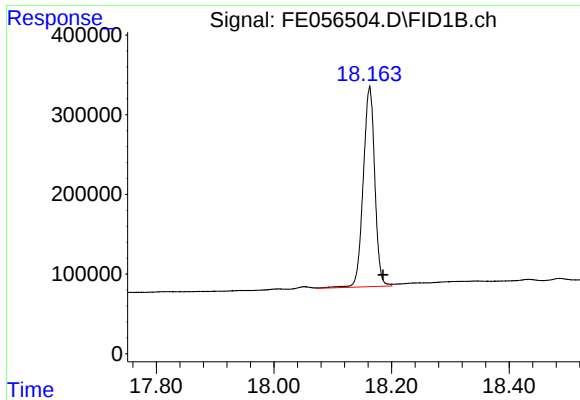
#15 n-Hexacosane (C26)

R.T.: 16.320 min
Delta R.T.: -0.023 min
Response: 2977795
Conc: 16.59 ug/ml



#16 n-Octacosane (C28)

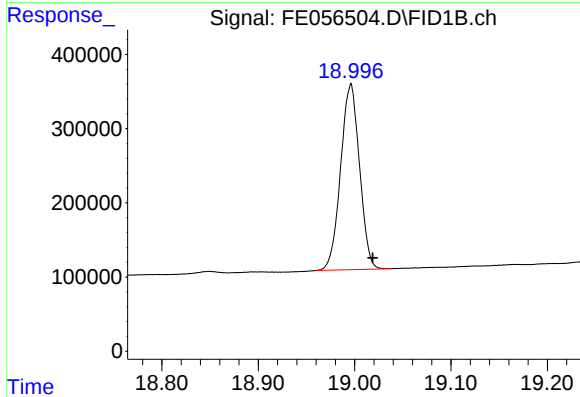
R.T.: 17.272 min
Delta R.T.: -0.024 min
Response: 3012994
Conc: 16.94 ug/ml



#17 n-Tricontane (C30)

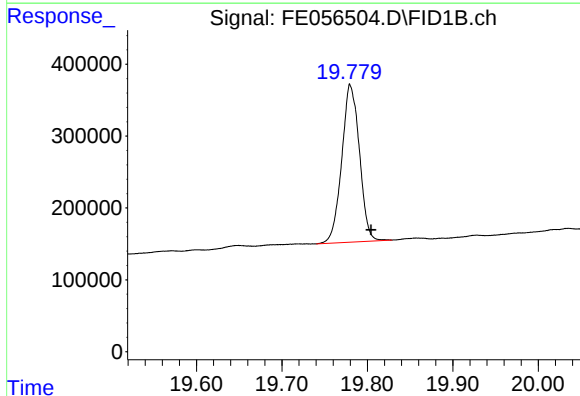
R.T.: 18.163 min
Delta R.T.: -0.023 min
Response: 3419664
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



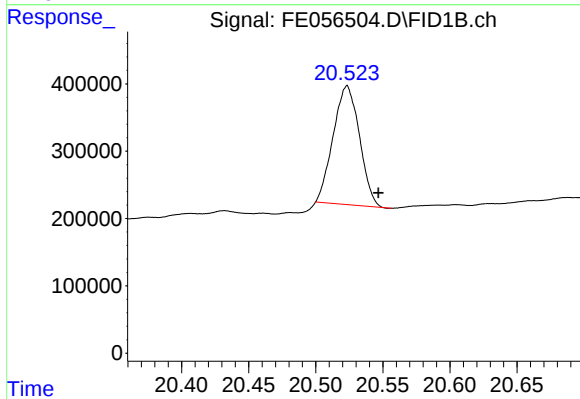
#18 n-Dotriacontane (C32)

R.T.: 18.996 min
Delta R.T.: -0.023 min
Response: 3397716
Conc: 19.27 ug/ml



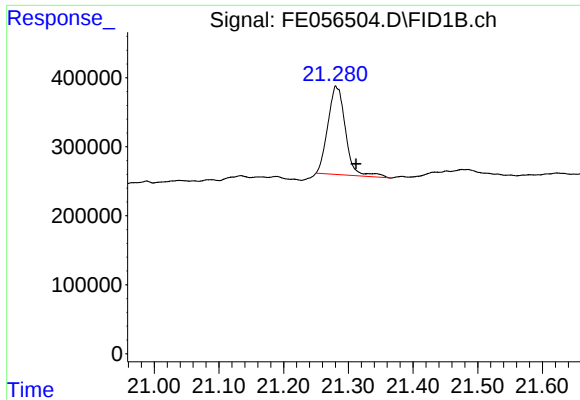
#19 n-Tetratriacontane (C34)

R.T.: 19.781 min
Delta R.T.: -0.024 min
Response: 3151483
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

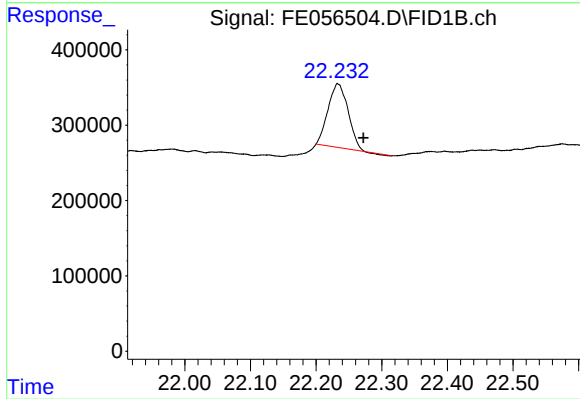
R.T.: 20.523 min
Delta R.T.: -0.023 min
Response: 2399359
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.282 min
Delta R.T.: -0.030 min
Response: 2421746
Conc: 23.18 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.233 min
Delta R.T.: -0.038 min
Response: 1784941
Conc: 19.67 ug/ml