

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053433.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2025 01:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 03:55:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.876	3456355	19.164 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.320	2570895	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
Target Compounds			
1) T n-Nonane (C9)	3.224	2739262	19.980 ug/ml
2) T n-Decane (C10)	4.484	2772015	20.038 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3052445	20.222 ug/ml
4) T n-Dodecane (C12)	6.664	2806170	20.008 ug/ml
5) T A~2-methylnaphthalene...	7.298	3036683	20.339 ug/ml
6) T n-Tetradecane (C14)	8.500	2794005	19.916 ug/ml
7) T n-Hexadecane (C16)	10.113	2811025	19.613 ug/ml
8) T n-Octadecane (C18)	11.561	2805381	19.250 ug/ml
10) T n-Eicosane (C20)	12.875	2766476	19.012 ug/ml
11) T n-Heneicosane (C21)	13.489	2741733	18.929 ug/ml
13) T n-Docosane (C22)	14.077	2709164	18.774 ug/ml
14) T n-Tetracosane (C24)	15.182	2675158	18.624 ug/ml
15) T n-Hexacosane (C26)	16.206	2620497	18.503 ug/ml
16) T n-Octacosane (C28)	17.157	2582206	18.560 ug/ml
17) T n-Tricontane (C30)	18.047	2608310	18.739 ug/ml
18) T n-Dotriacontane (C32)	18.880	2535196	18.464 ug/ml
19) T n-Tetratriacontane (C34)	19.665	2508002	19.249 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2514437	19.917 ug/ml
21) T n-Octatriacontane (C38)	21.140	2486663	20.411 ug/ml
22) T n-Tetracontane (C40)	22.046	2520795	21.108 ug/ml

(f)=RT Delta > 1/2 Window

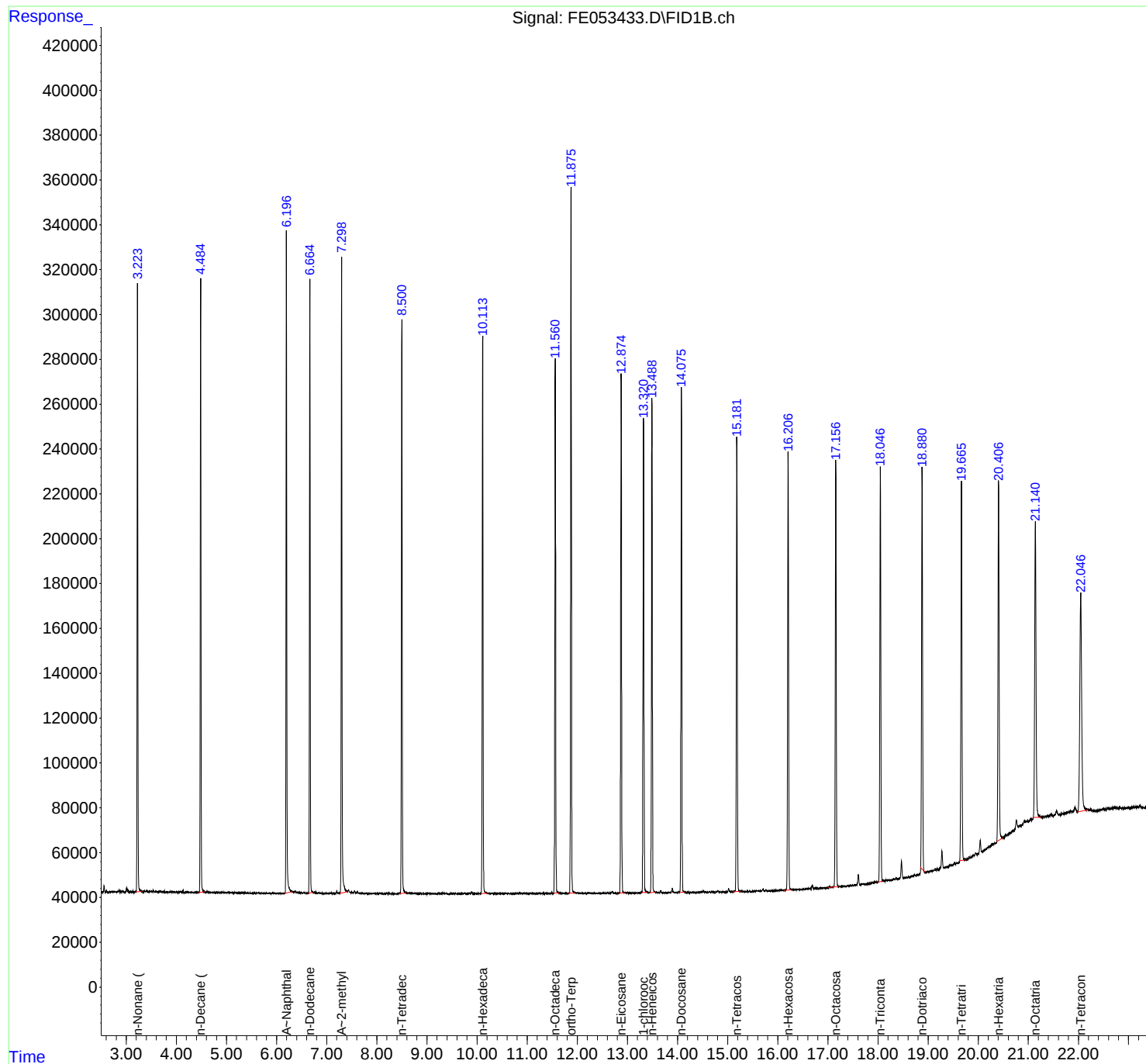
(m)=manual int.

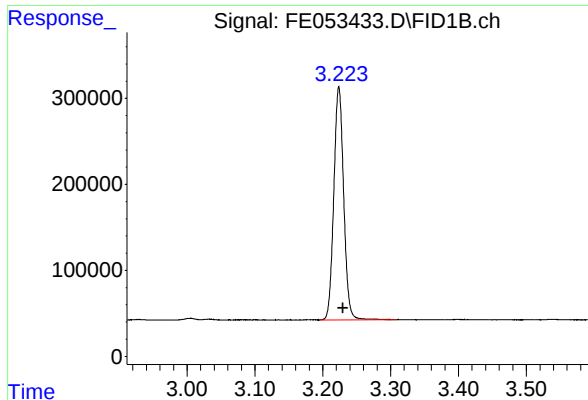
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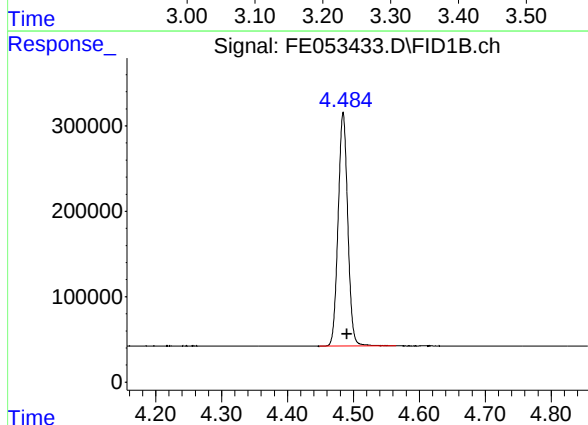




#1 n-Nonane (C9)

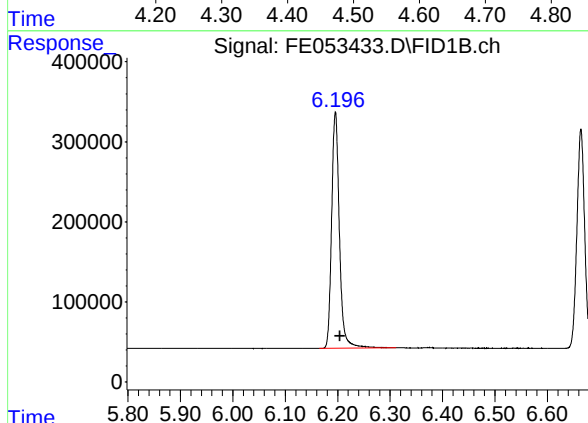
R.T.: 3.224 min
Delta R.T.: -0.006 min
Response: 2739262
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



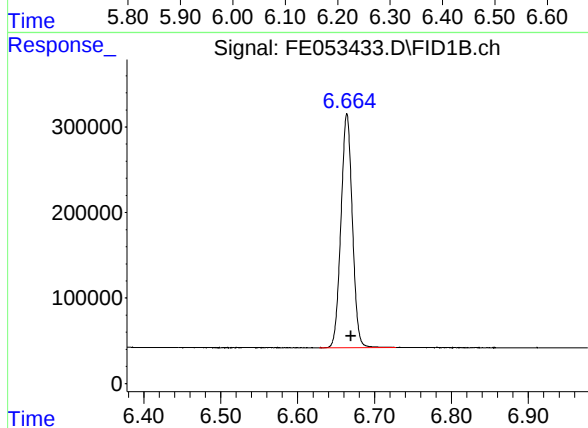
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 2772015
Conc: 20.04 ug/ml



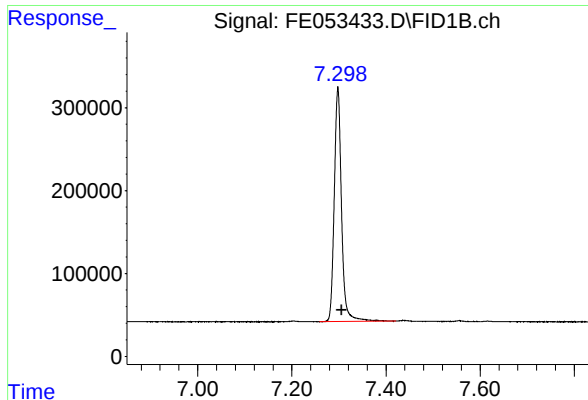
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 3052445
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

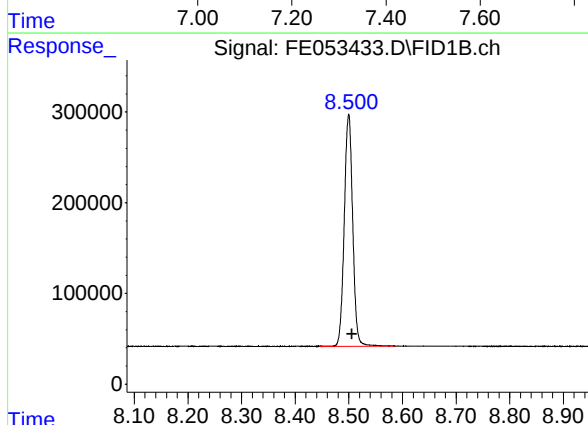
R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 2806170
Conc: 20.01 ug/ml



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

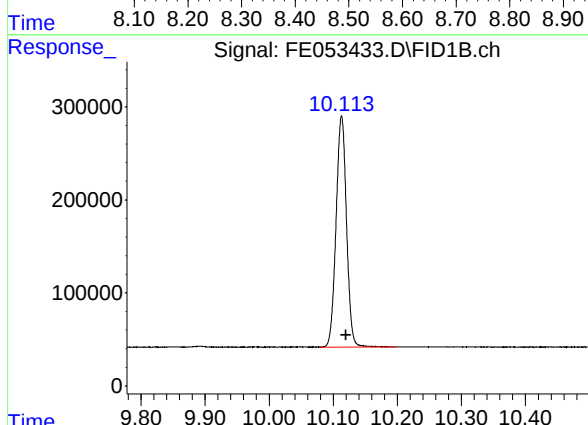
R.T.: 7.298 min
Delta R.T.: -0.008 min
Response: 3036683
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



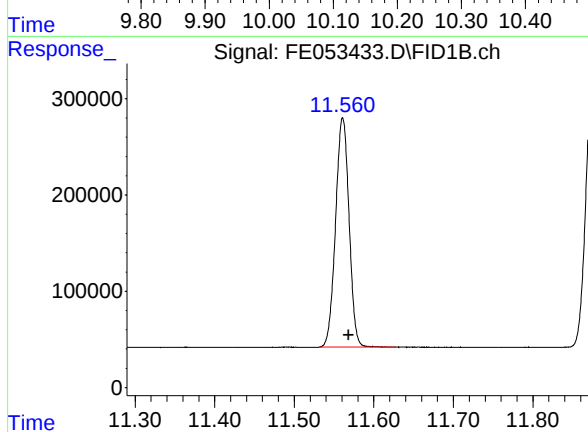
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.006 min
Response: 2794005
Conc: 19.92 ug/ml



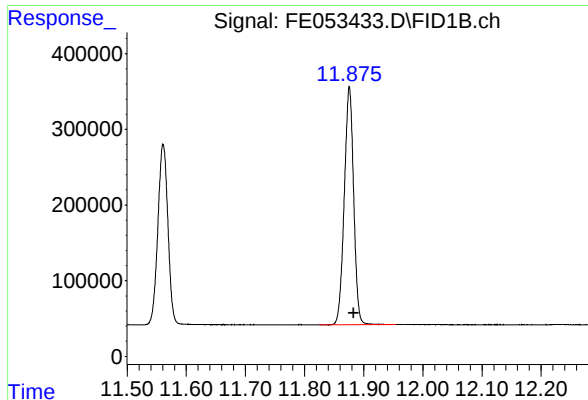
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.007 min
Response: 2811025
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

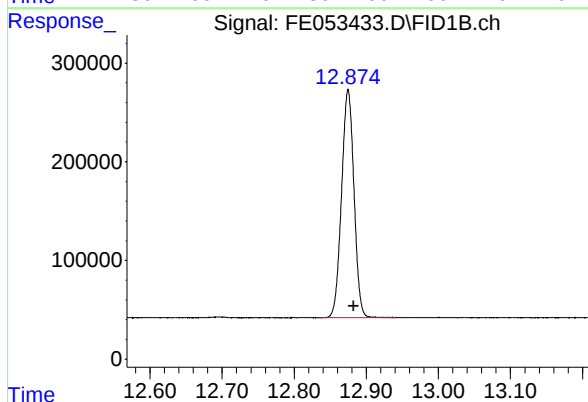
R.T.: 11.561 min
Delta R.T.: -0.007 min
Response: 2805381
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

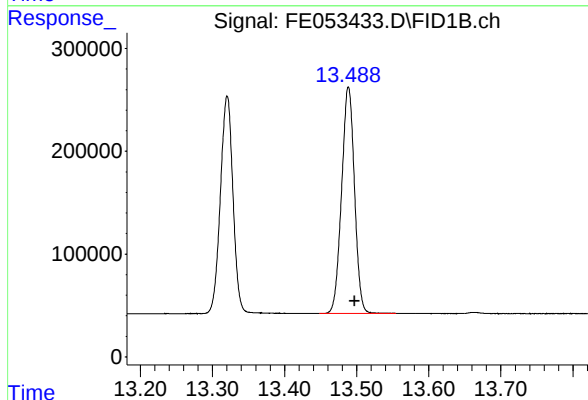
R.T.: 11.876 min
Delta R.T.: -0.007 min
Response: 3456355
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



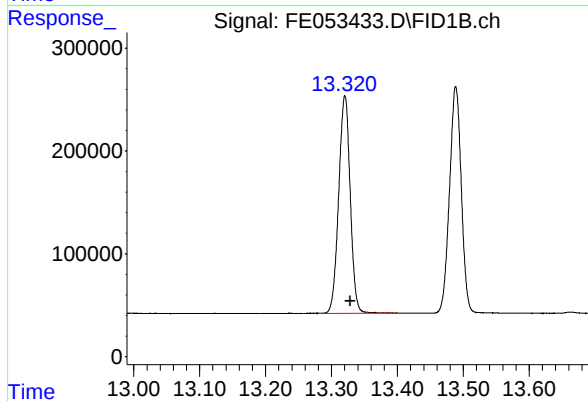
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.008 min
Response: 2766476
Conc: 19.01 ug/ml



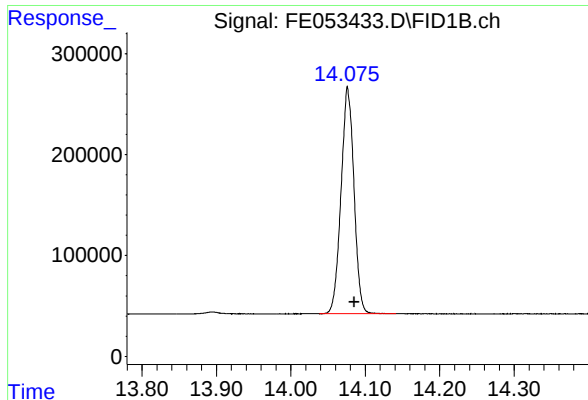
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.009 min
Response: 2741733
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

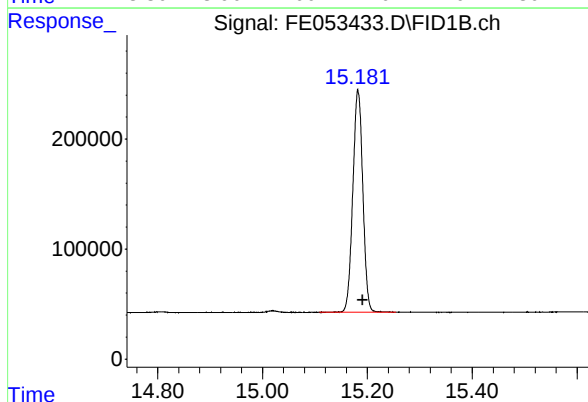
R.T.: 13.320 min
Delta R.T.: -0.008 min
Response: 2570895
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

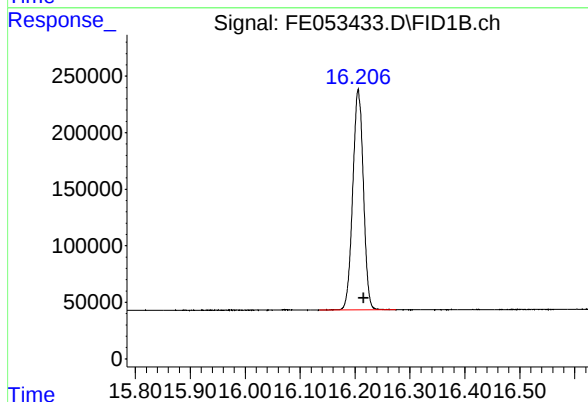
R.T.: 14.077 min
Delta R.T.: -0.008 min
Response: 2709164
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



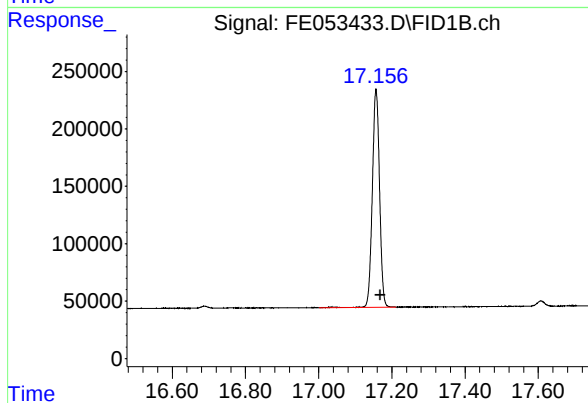
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.009 min
Response: 2675158
Conc: 18.62 ug/ml



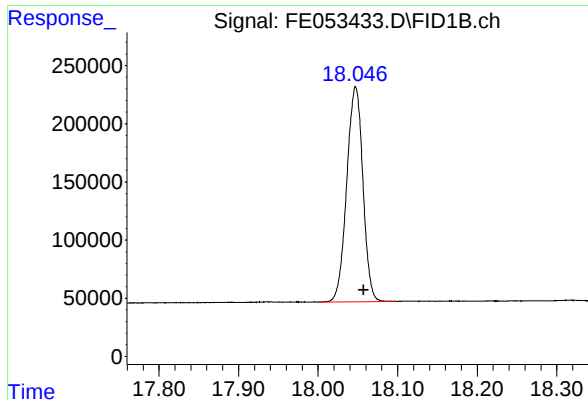
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: -0.010 min
Response: 2620497
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

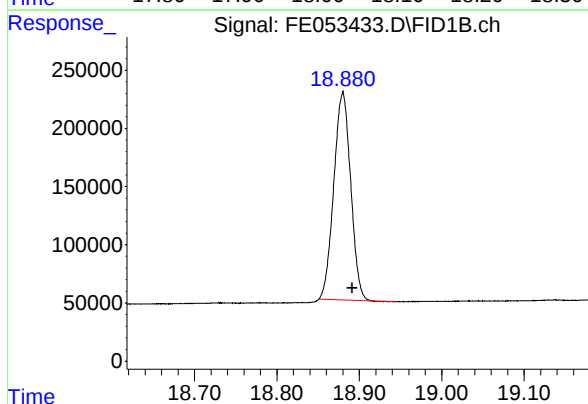
R.T.: 17.157 min
Delta R.T.: -0.012 min
Response: 2582206
Conc: 18.56 ug/ml



#17 n-Tricontane (C30)

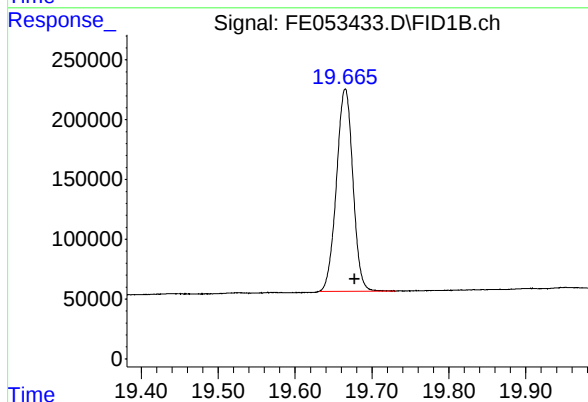
R.T.: 18.047 min
Delta R.T.: -0.010 min
Response: 2608310
Conc: 18.74 ug/ml

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FID_E
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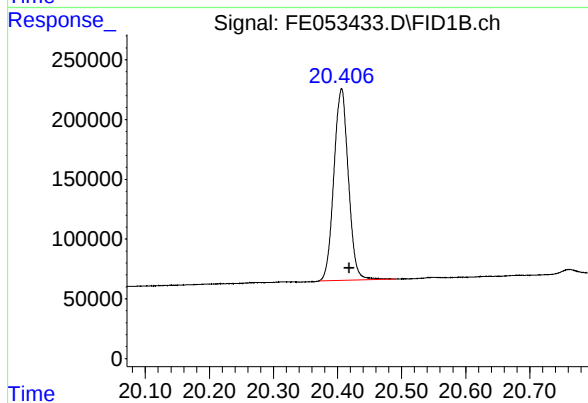
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.012 min
Response: 2535196
Conc: 18.46 ug/ml



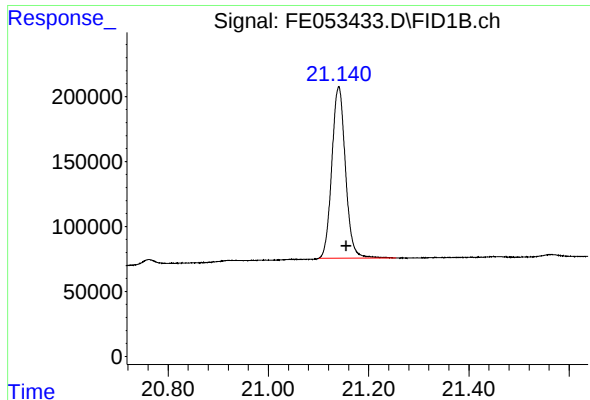
#19 n-Tetatriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.012 min
Response: 2508002
Conc: 19.25 ug/ml



#20 n-Hexatriacontane (C36)

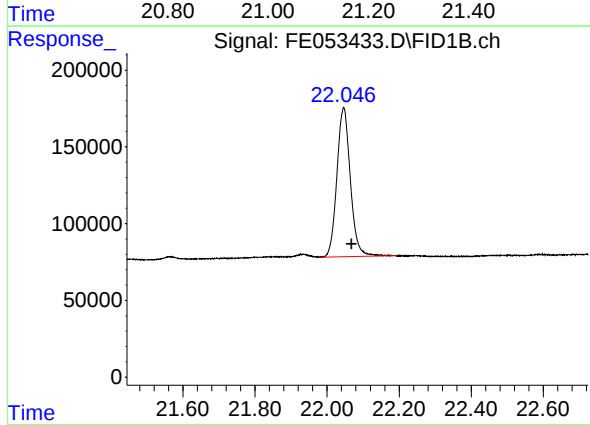
R.T.: 20.406 min
Delta R.T.: -0.012 min
Response: 2514437
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.015 min
Response: 2486663
Conc: 20.41 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: -0.023 min
Response: 2520795
Conc: 21.11 ug/ml