

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
 Data File : FE055042.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2025 11:46
 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: sample.E
 Quant Time: Jul 29 02:36:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.090	3022782	20.421 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.526	2258240	20.166 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.424	2441397	20.109 ug/ml
2) T n-Decane (C10)	4.683	2503234	20.224 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2891548	20.316 ug/ml
4) T n-Dodecane (C12)	6.859	2569849	20.276 ug/ml
5) T A~2-methylnaphthalene...	7.505	2817669	20.391 ug/ml
6) T n-Tetradecane (C14)	8.697	2622058	19.969 ug/ml
7) T n-Hexadecane (C16)	10.313	2736259	20.341 ug/ml
8) T n-Octadecane (C18)	11.763	2779994	20.426 ug/ml
10) T n-Eicosane (C20)	13.078	2655992	20.409 ug/ml
11) T n-Heneicosane (C21)	13.692	2604702	20.483 ug/ml
13) T n-Docosane (C22)	14.281	2585558	20.490 ug/ml
14) T n-Tetracosane (C24)	15.387	2587331	20.645 ug/ml
15) T n-Hexacosane (C26)	16.412	2572578	20.823 ug/ml
16) T n-Octacosane (C28)	17.362	2565961	20.699 ug/ml
17) T n-Tricontane (C30)	18.253	2761248	21.071 ug/ml
18) T n-Dotriacontane (C32)	19.087	2833675	21.734 ug/ml
19) T n-Tetratriacontane (C34)	19.872	2681218	21.628 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2498831	21.752 ug/ml
21) T n-Octatriacontane (C38)	21.395	2389942	21.265 ug/ml
22) T n-Tetracontane (C40)	22.390	2207616	20.021 ug/ml

(f)=RT Delta > 1/2 Window

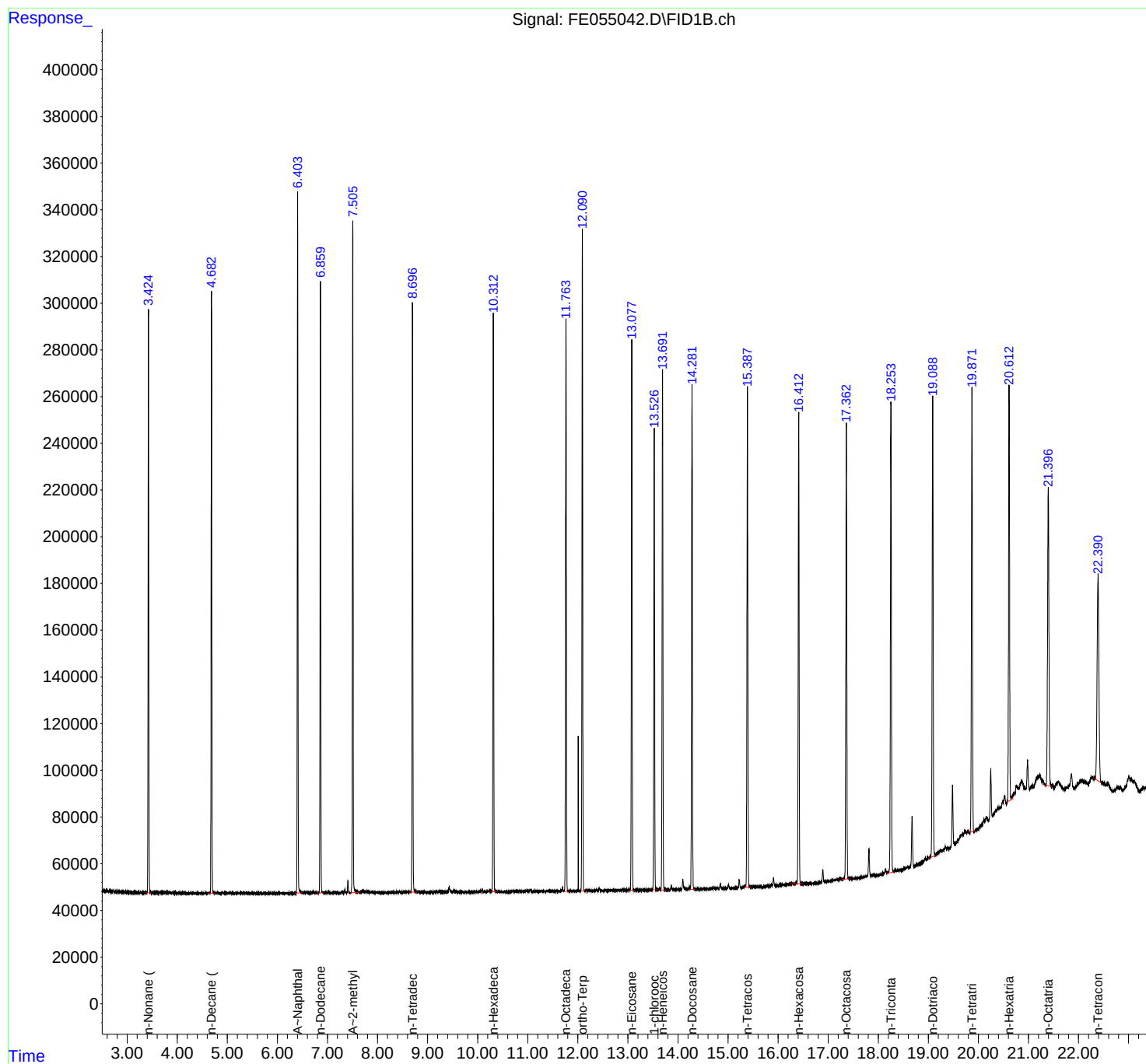
(m)=manual int.

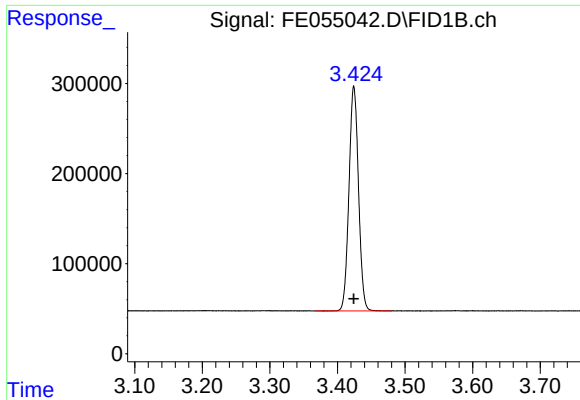
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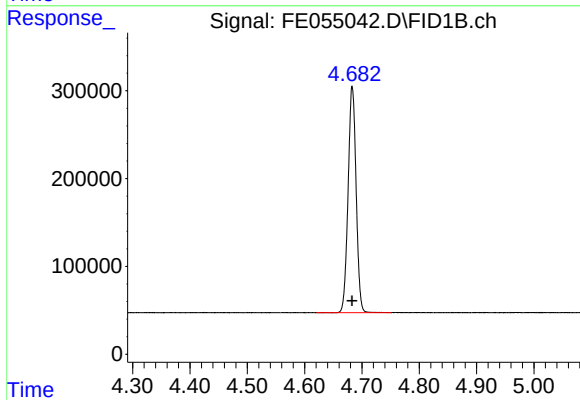




#1 n-Nonane (C9)

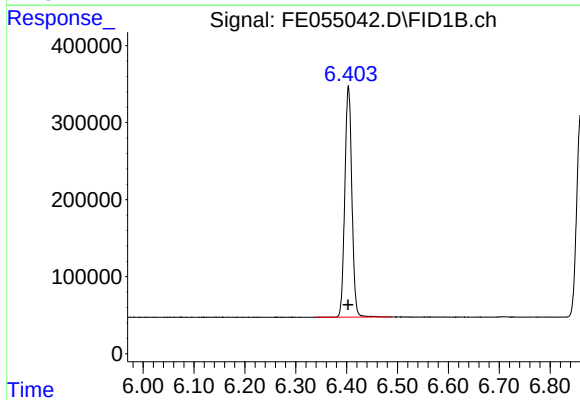
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2441397
Conc: 20.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



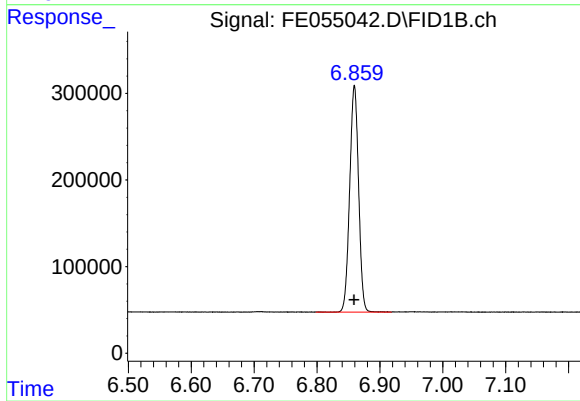
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 2503234
Conc: 20.22 ug/ml



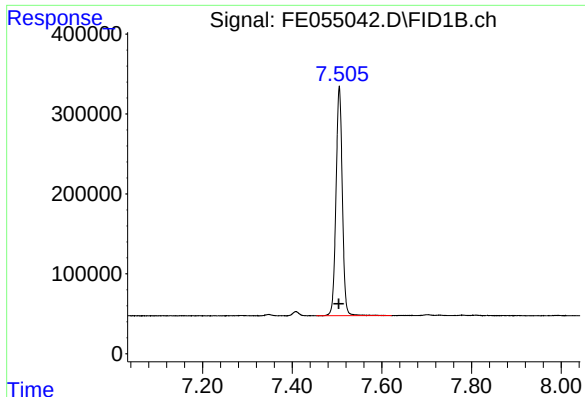
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2891548
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

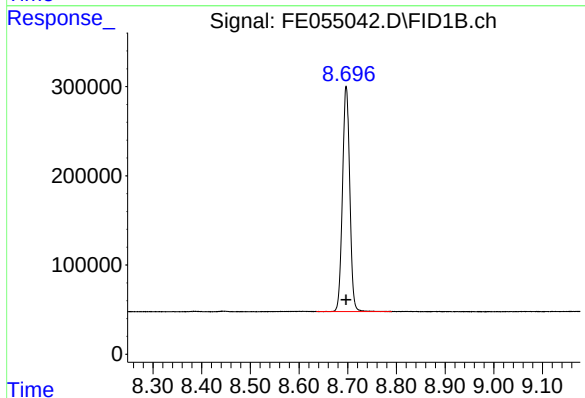
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2569849
Conc: 20.28 ug/ml



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

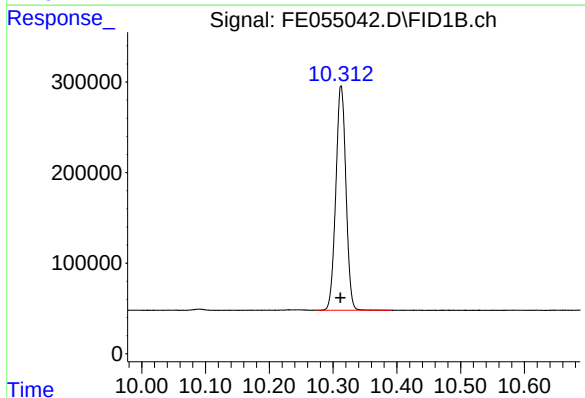
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 2817669
Conc: 20.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



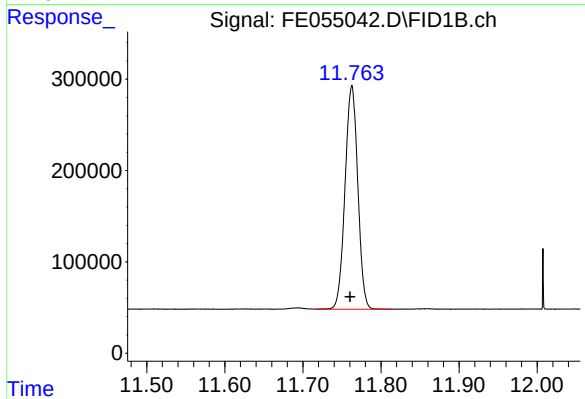
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2622058
Conc: 19.97 ug/ml



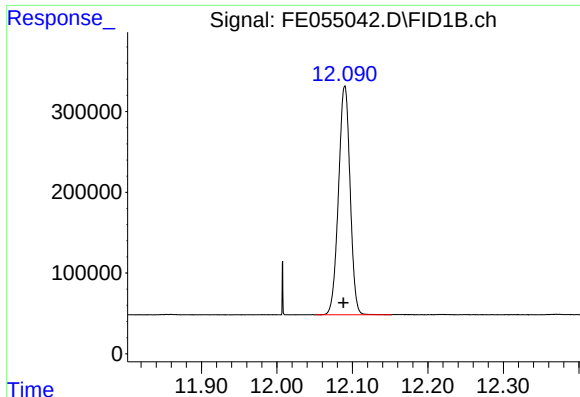
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.001 min
Response: 2736259
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

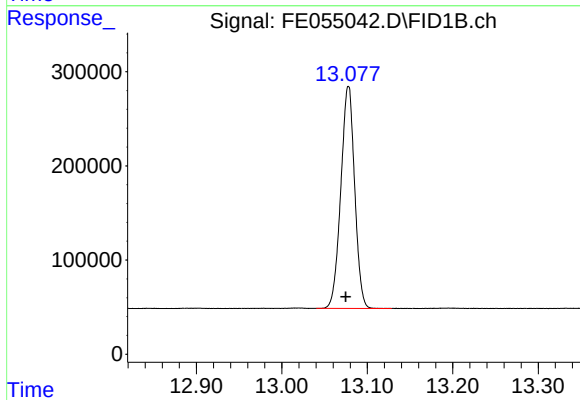
R.T.: 11.763 min
Delta R.T.: 0.002 min
Response: 2779994
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

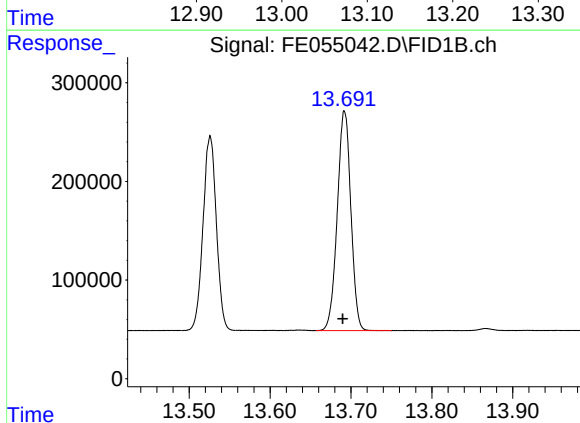
R.T.: 12.090 min
Delta R.T.: 0.002 min
Response: 3022782
Conc: 20.42 ug/ml

Instrument :
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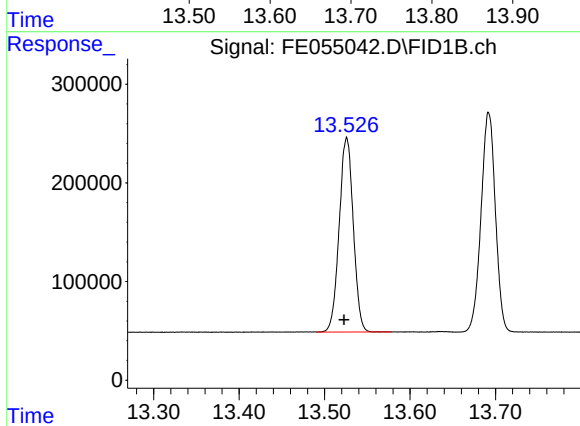
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.003 min
Response: 2655992
Conc: 20.41 ug/ml



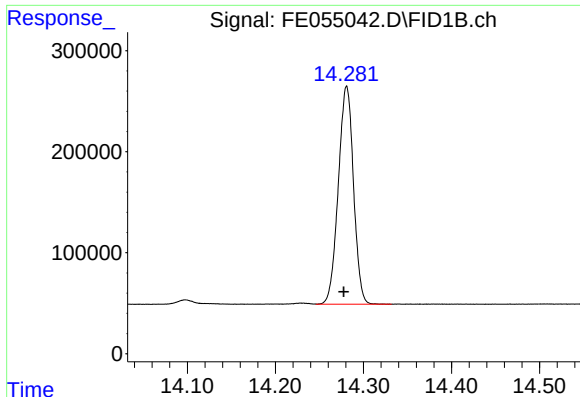
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 2604702
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

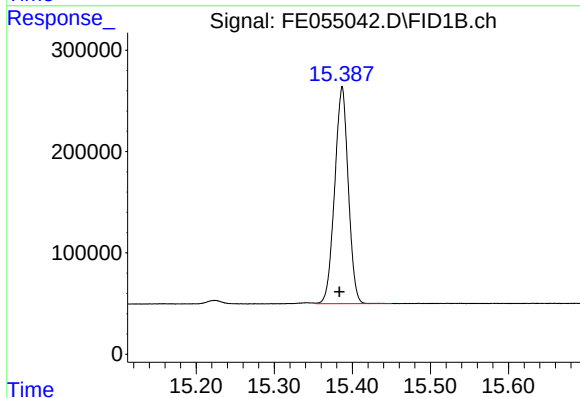
R.T.: 13.526 min
Delta R.T.: 0.003 min
Response: 2258240
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

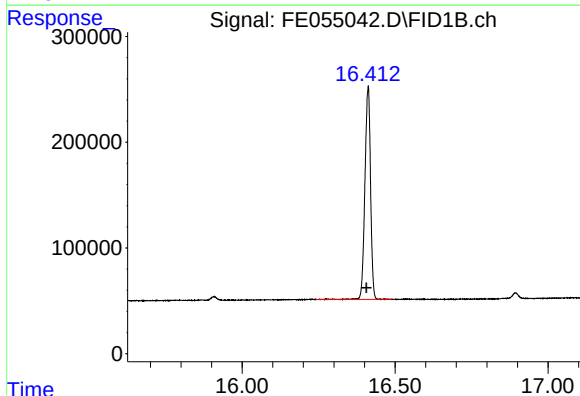
R.T.: 14.281 min
Delta R.T.: 0.003 min
Response: 2585558
Conc: 20.49 ug/ml

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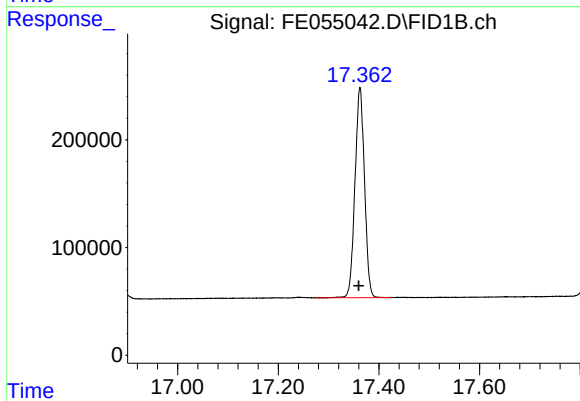
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.003 min
Response: 2587331
Conc: 20.65 ug/ml



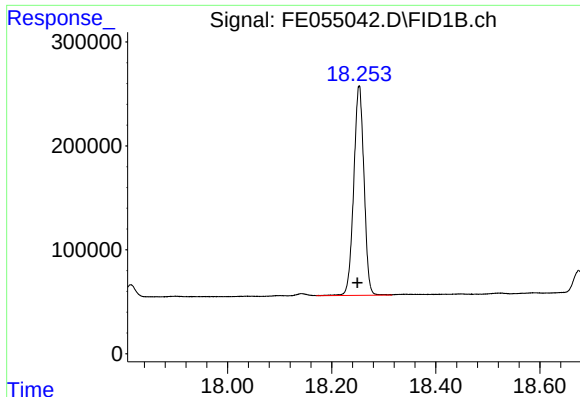
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.005 min
Response: 2572578
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

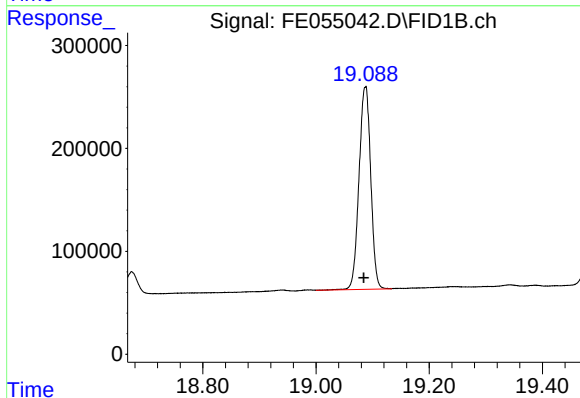
R.T.: 17.362 min
Delta R.T.: 0.002 min
Response: 2565961
Conc: 20.70 ug/ml



#17 n-Tricontane (C30)

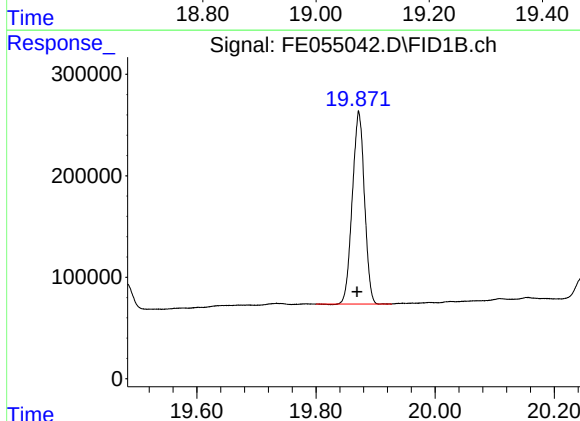
R.T.: 18.253 min
Delta R.T.: 0.003 min
Response: 2761248
Conc: 21.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



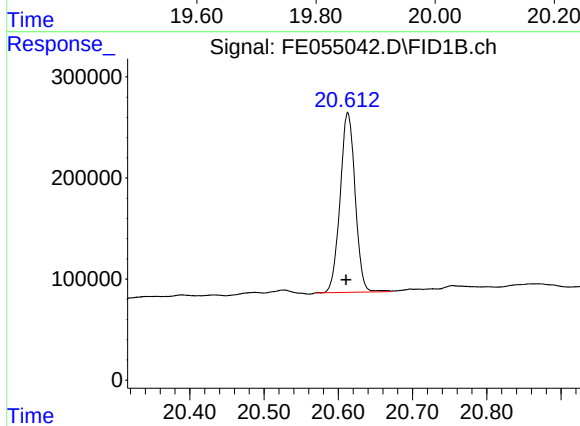
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.003 min
Response: 2833675
Conc: 21.73 ug/ml



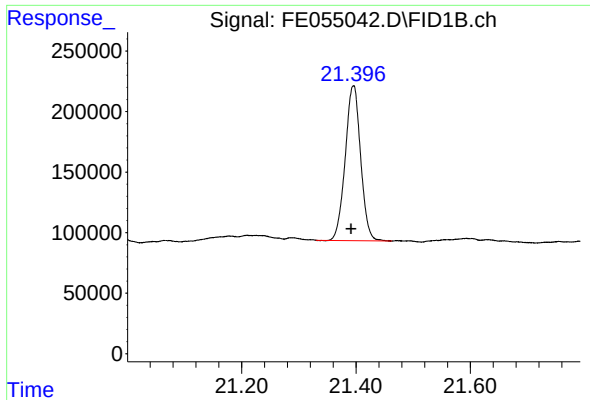
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.003 min
Response: 2681218
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

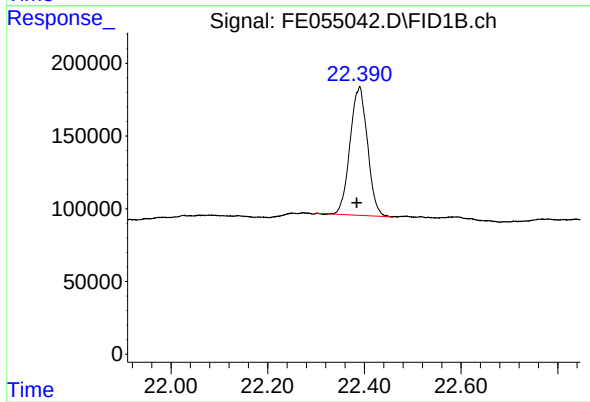
R.T.: 20.613 min
Delta R.T.: 0.003 min
Response: 2498831
Conc: 21.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.004 min
Response: 2389942
Conc: 21.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.006 min
Response: 2207616
Conc: 20.02 ug/ml