

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031725AL\
 Data File : FE052831.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2025 20:59
 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: Mar 18 01:21:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	3187277	18.906 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
12) S 1-chlorooctadecane (S...	13.355	2332486	19.209 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.248	2925836	18.870 ug/ml
2) T n-Decane (C10)	4.509	3054370	19.443 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3262524	19.237 ug/ml
4) T n-Dodecane (C12)	6.692	3053627	19.612 ug/ml
5) T A~2-methylnaphthalene...	7.327	3128724	19.306 ug/ml
6) T n-Tetradecane (C14)	8.529	2986250	19.736 ug/ml
7) T n-Hexadecane (C16)	10.144	3016809	19.732 ug/ml
8) T n-Octadecane (C18)	11.593	2972734	19.539 ug/ml
10) T n-Eicosane (C20)	12.908	2805827	19.327 ug/ml
11) T n-Heneicosane (C21)	13.523	2724668	19.143 ug/ml
13) T n-Docosane (C22)	14.111	2738157	19.241 ug/ml
14) T n-Tetracosane (C24)	15.218	2800451	19.569 ug/ml
15) T n-Hexacosane (C26)	16.242	2808189	19.749 ug/ml
16) T n-Octacosane (C28)	17.194	2906163	20.438 ug/ml
17) T n-Tricontane (C30)	18.085	3123358	21.147 ug/ml
18) T n-Dotriacontane (C32)	18.920	3129670	21.557 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2892073	21.458 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2532650	21.314 ug/ml
21) T n-Octatriacontane (C38)	21.189	2358188	21.257 ug/ml
22) T n-Tetracontane (C40)	22.112	2395546	22.157 ug/ml

(f)=RT Delta > 1/2 Window

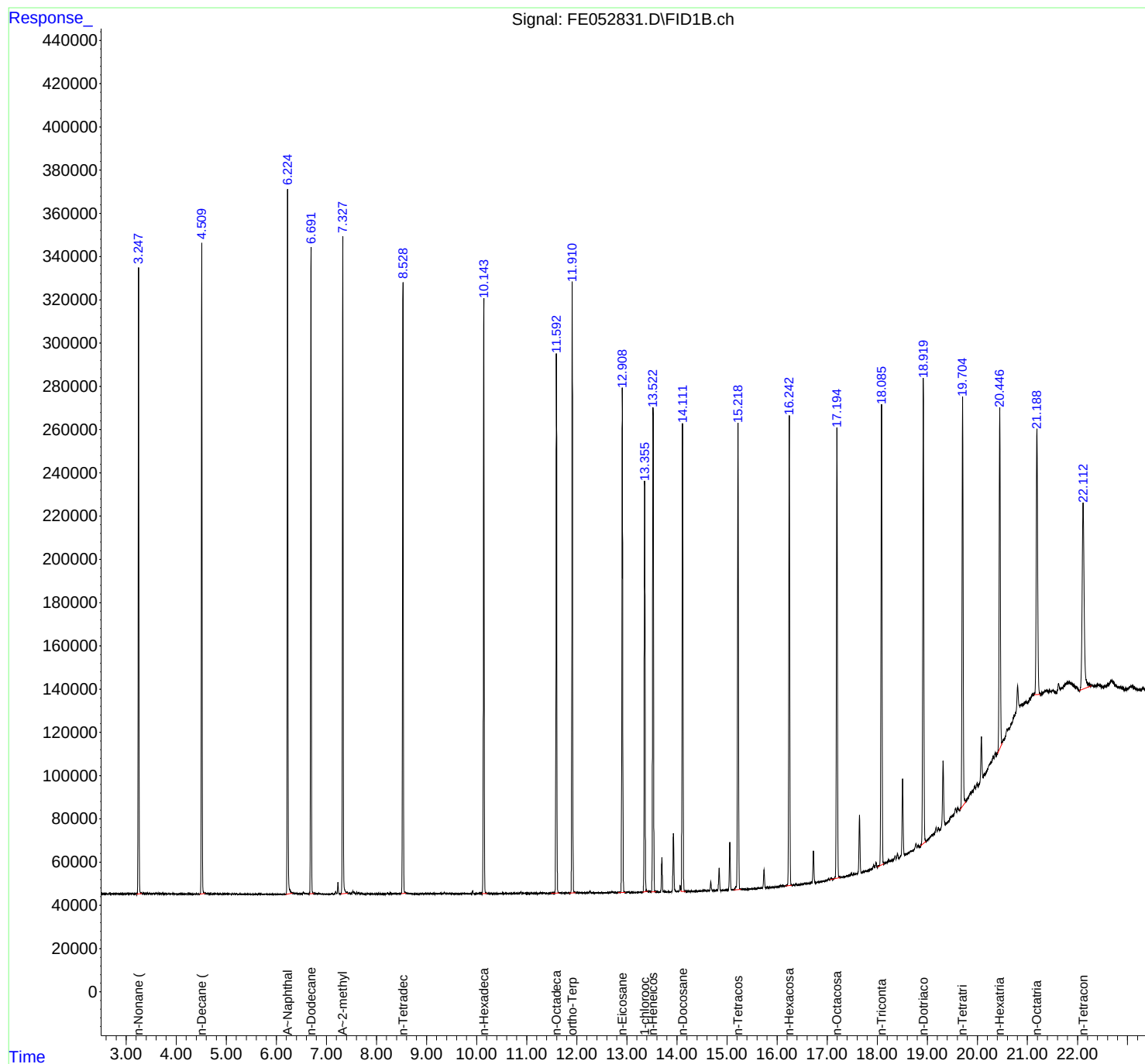
(m)=manual int.

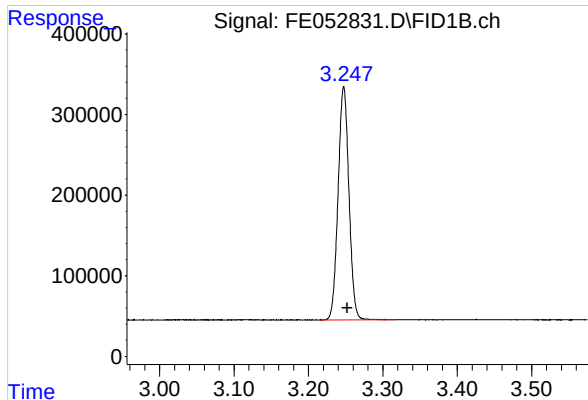
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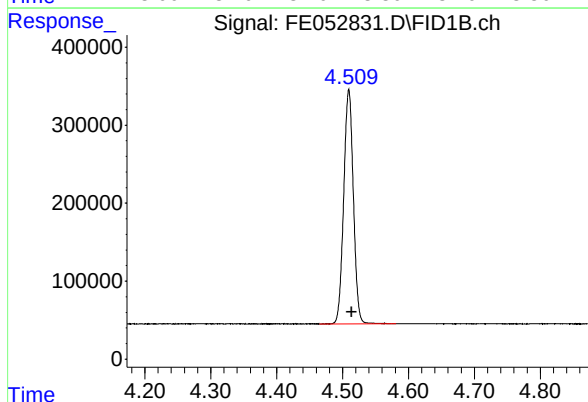




#1 n-Nonane (C9)

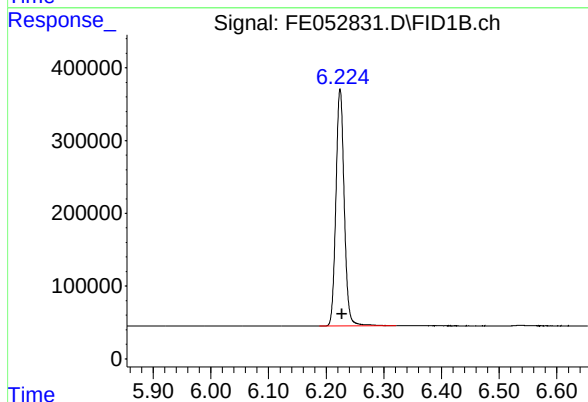
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 2925836
Conc: 18.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



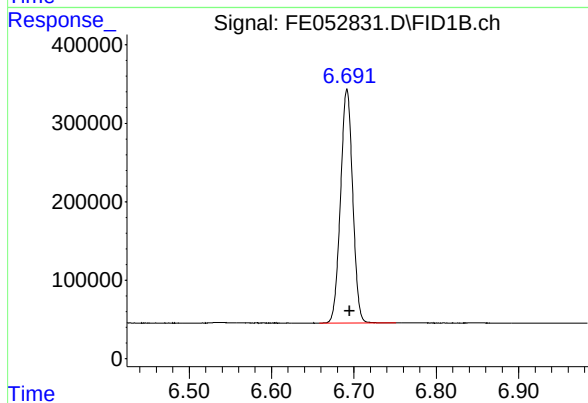
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.004 min
Response: 3054370
Conc: 19.44 ug/ml



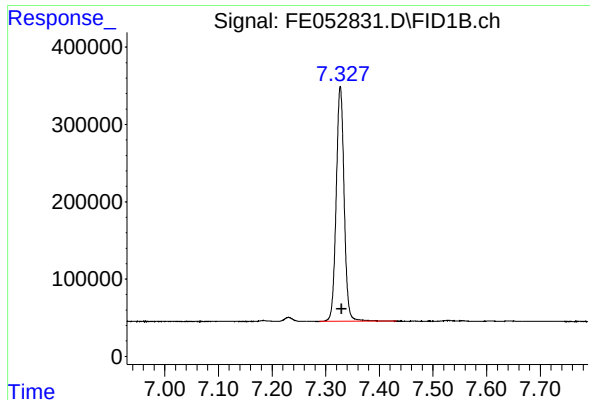
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3262524
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

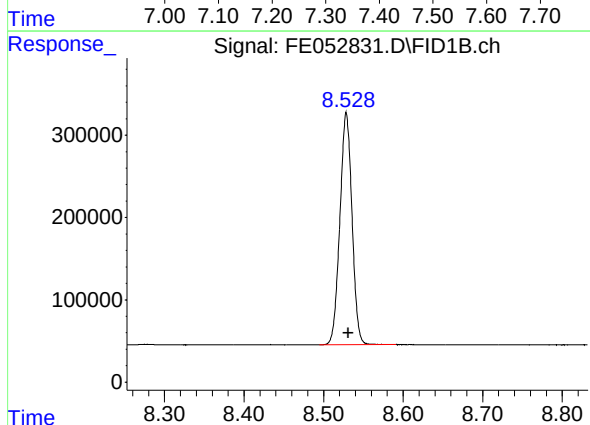
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 3053627
Conc: 19.61 ug/ml



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

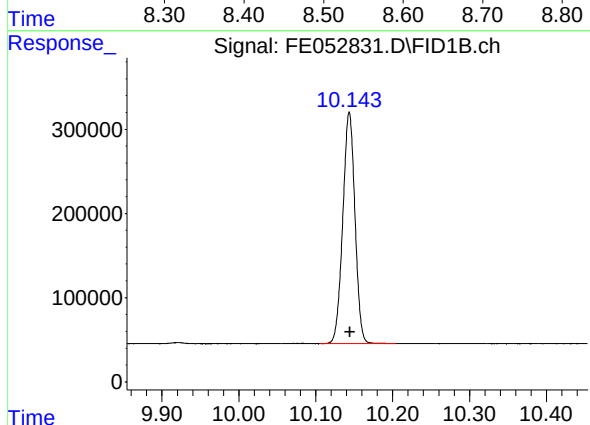
R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 3128724
Conc: 19.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



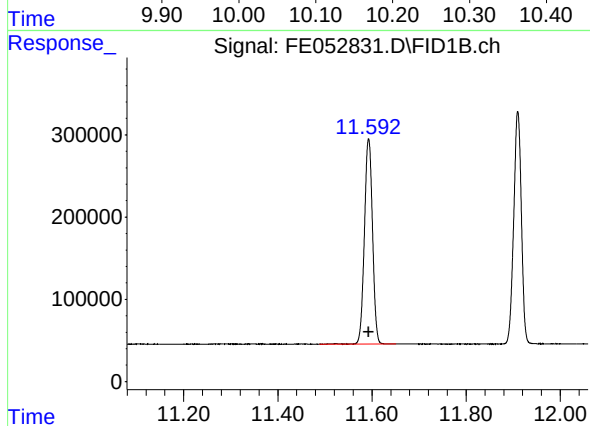
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 2986250
Conc: 19.74 ug/ml



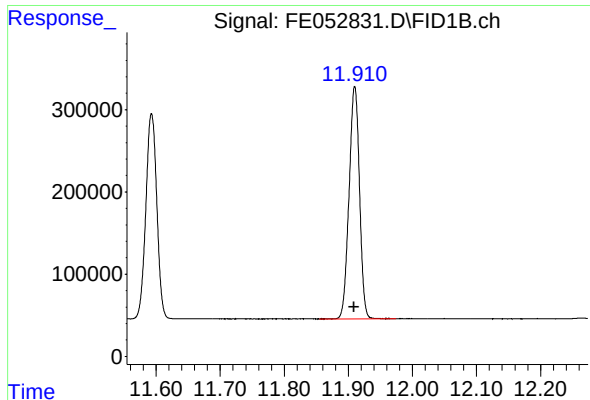
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 3016809
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

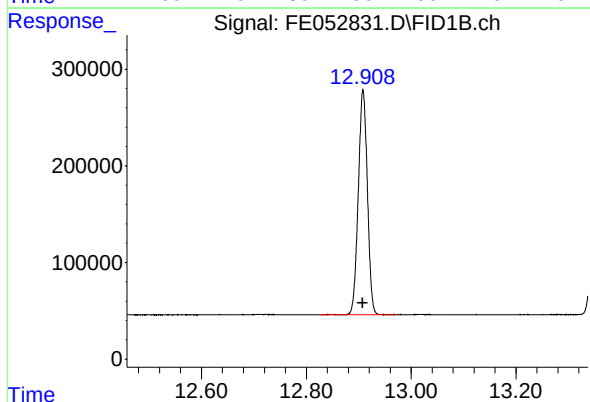
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 2972734
Conc: 19.54 ug/ml



#9 ortho-Terphenyl (SURR)

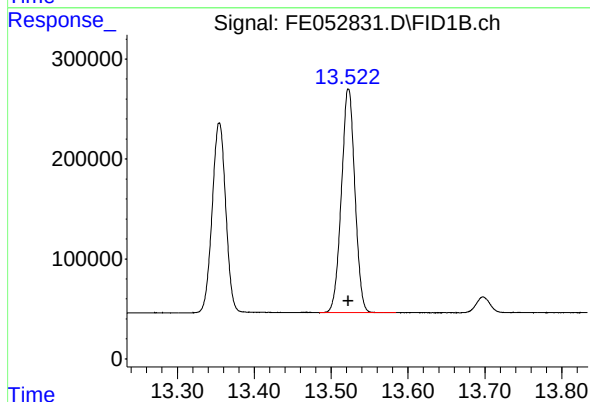
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 3187277
Conc: 18.91 ug/ml

Instrument :
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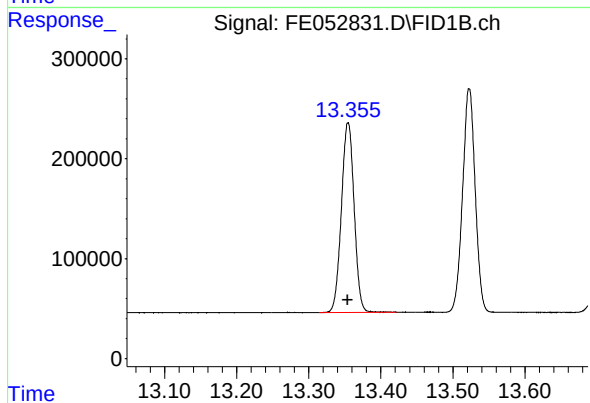
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2805827
Conc: 19.33 ug/ml



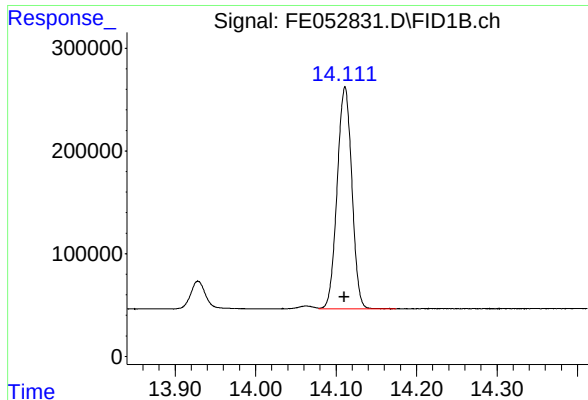
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 2724668
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

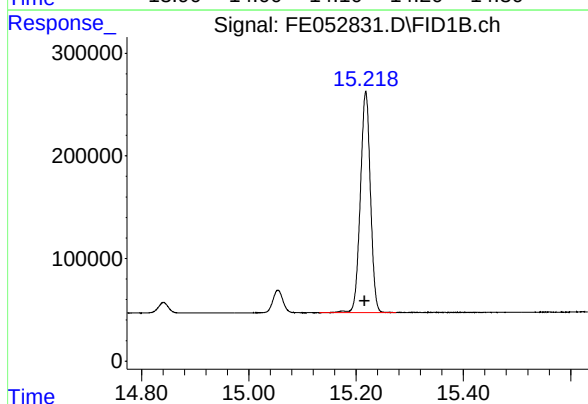
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2332486
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

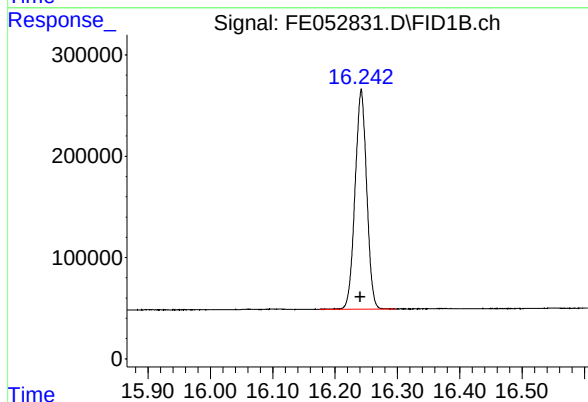
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2738157
Conc: 19.24 ug/ml

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20 PPM ALIPHATIC HC STD



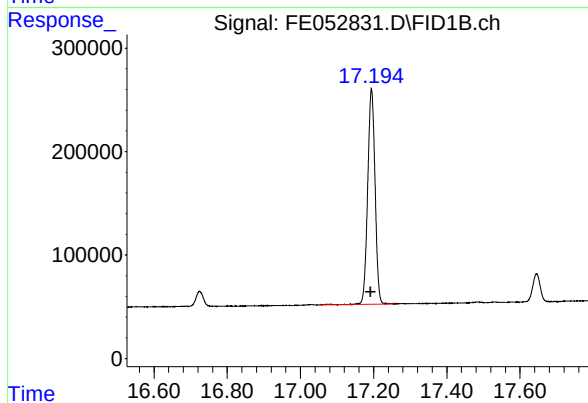
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2800451
Conc: 19.57 ug/ml



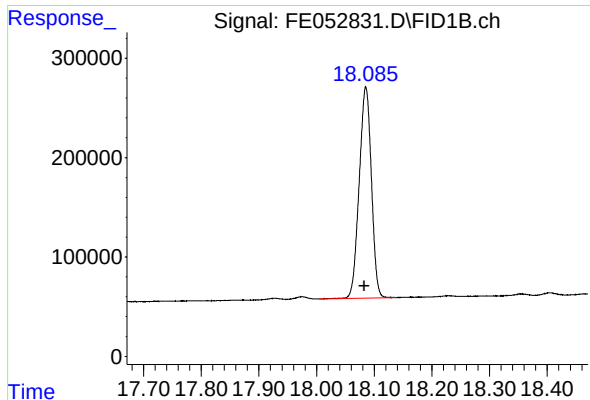
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.001 min
Response: 2808189
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

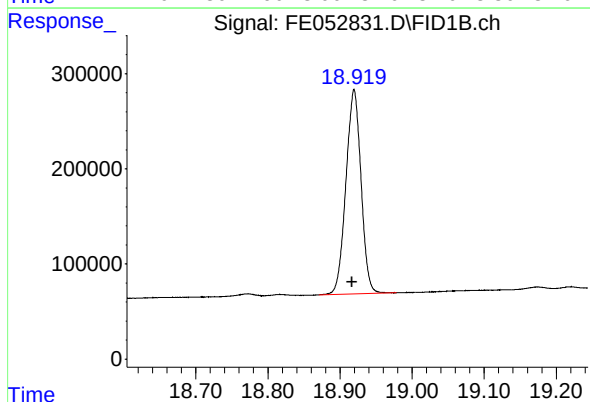
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 2906163
Conc: 20.44 ug/ml



#17 n-Tricontane (C30)

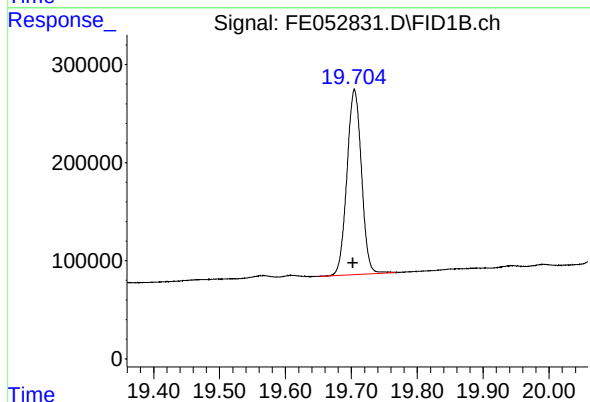
R.T.: 18.085 min
Delta R.T.: 0.003 min
Response: 3123358
Conc: 21.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



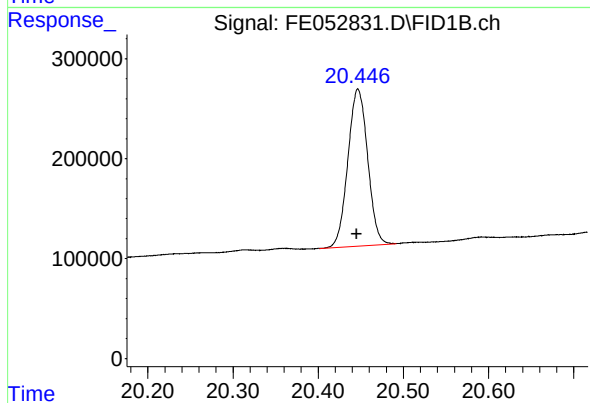
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.003 min
Response: 3129670
Conc: 21.56 ug/ml



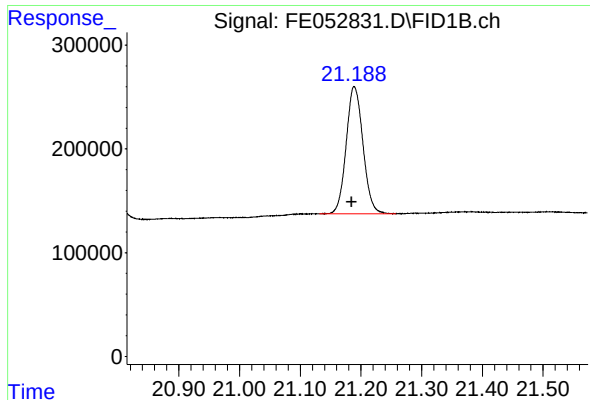
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.002 min
Response: 2892073
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

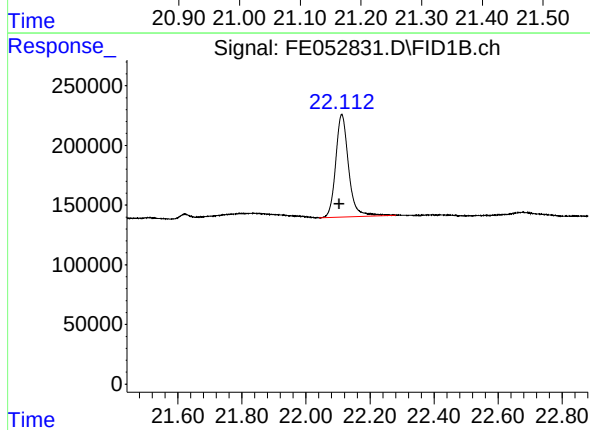
R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 2532650
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.004 min
Response: 2358188
Conc: 21.26 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.008 min
Response: 2395546
Conc: 22.16 ug/ml