

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
 Data File : FE052502.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2025 21:20
 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: Feb 26 03:14:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.919	3779943	20.221 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.364	2812566	20.235 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T n-Nonane (C9)	3.254	3386346	22.061 ug/ml
2) T n-Decane (C10)	4.517	3485710	22.317 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3822631	22.126 ug/ml
4) T n-Dodecane (C12)	6.699	3474577	22.013 ug/ml
5) T A~2-methylnaphthalene...	7.334	3677332	21.896 ug/ml
6) T n-Tetradecane (C14)	8.537	3392899	21.540 ug/ml
7) T n-Hexadecane (C16)	10.152	3433516	21.008 ug/ml
8) T n-Octadecane (C18)	11.603	3407370	20.593 ug/ml
10) T n-Eicosane (C20)	12.918	3242108	20.337 ug/ml
11) T n-Heneicosane (C21)	13.532	3178036	20.285 ug/ml
13) T n-Docosane (C22)	14.121	3157717	20.177 ug/ml
14) T n-Tetracosane (C24)	15.227	3160211	20.094 ug/ml
15) T n-Hexacosane (C26)	16.252	3119313	20.139 ug/ml
16) T n-Octacosane (C28)	17.205	3097091	20.247 ug/ml
17) T n-Tricontane (C30)	18.095	3166327	20.284 ug/ml
18) T n-Dotriacontane (C32)	18.930	3073831	20.088 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2848480	20.023 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2550609	20.464 ug/ml
21) T n-Octatriacontane (C38)	21.201	2430478	22.236 ug/ml
22) T n-Tetracontane (C40)	22.125	2463328	24.489 ug/ml

(f)=RT Delta > 1/2 Window

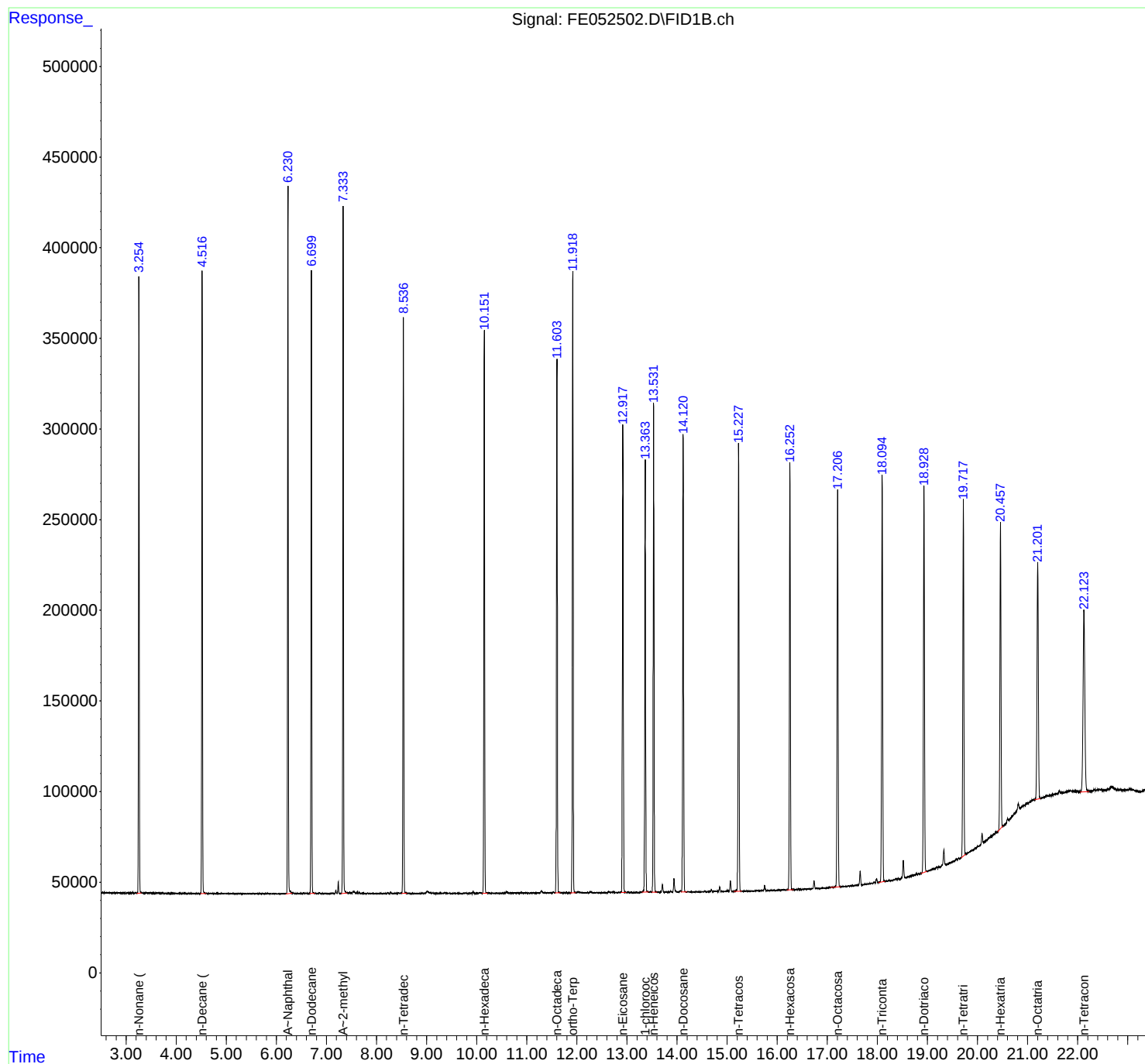
(m)=manual int.

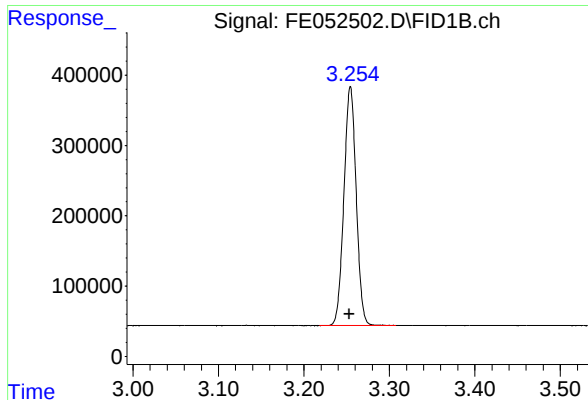
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
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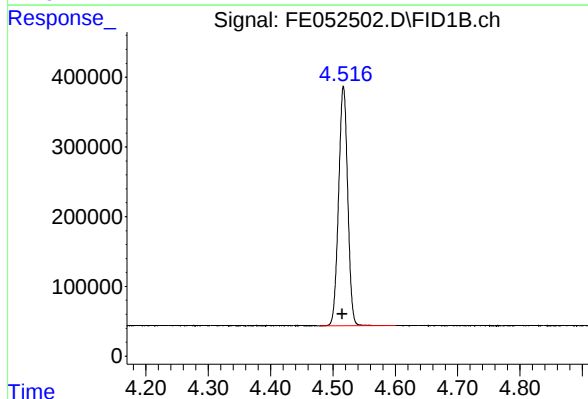




#1 n-Nonane (C9)

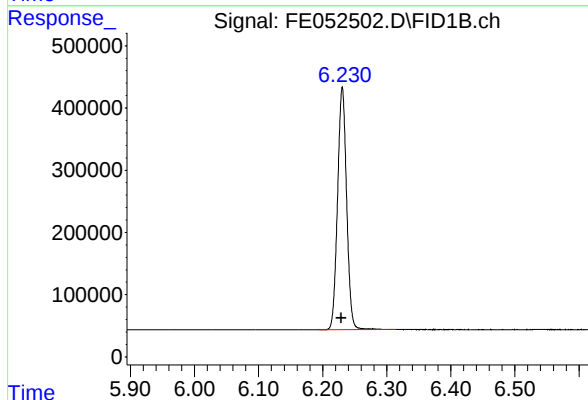
R.T.: 3.254 min
Delta R.T.: 0.001 min
Response: 3386346
Conc: 22.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



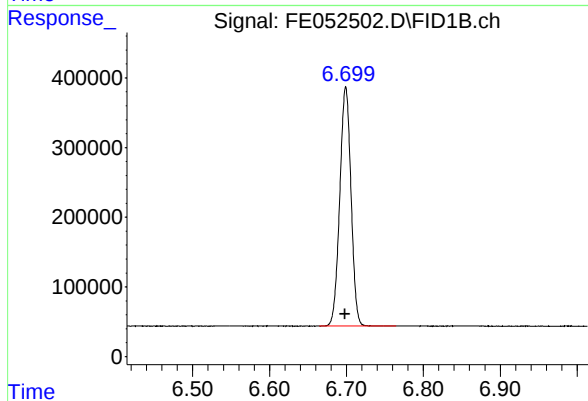
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 3485710
Conc: 22.32 ug/ml



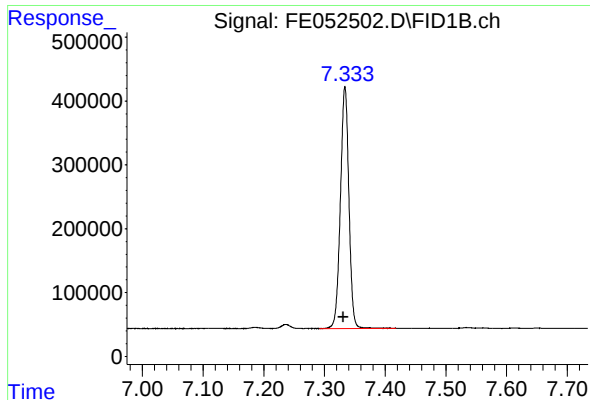
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 3822631
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

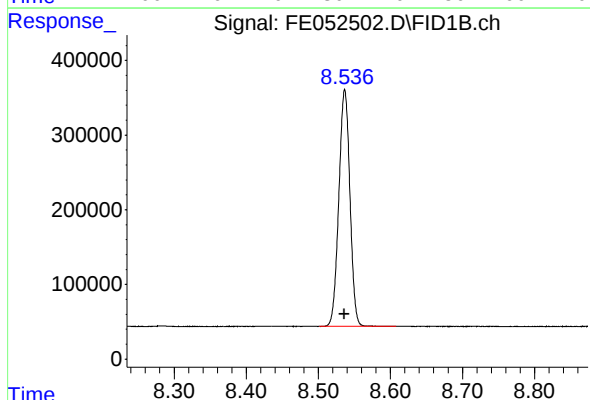
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 3474577
Conc: 22.01 ug/ml



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

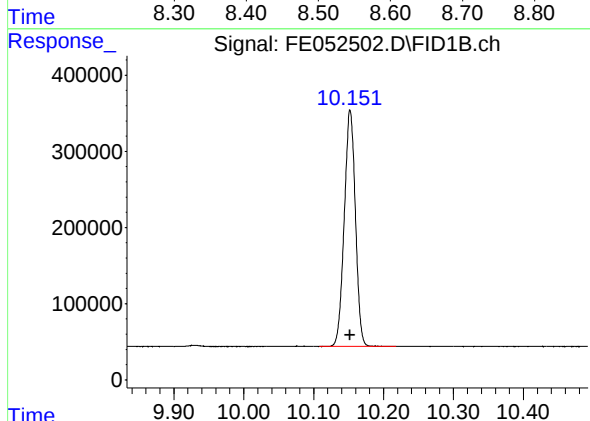
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 3677332
Conc: 21.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



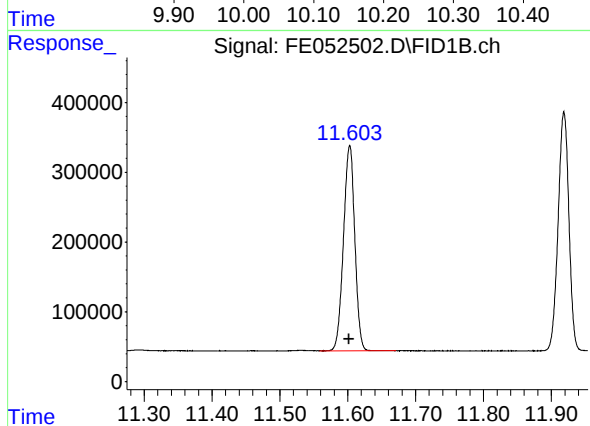
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 3392899
Conc: 21.54 ug/ml



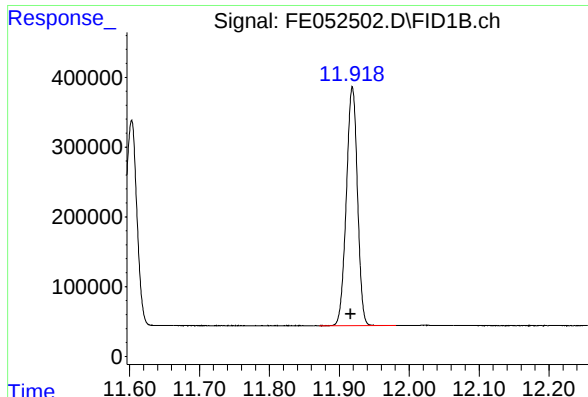
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 3433516
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

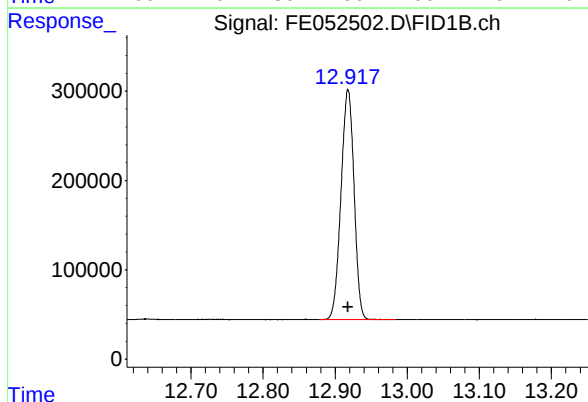
R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 3407370
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

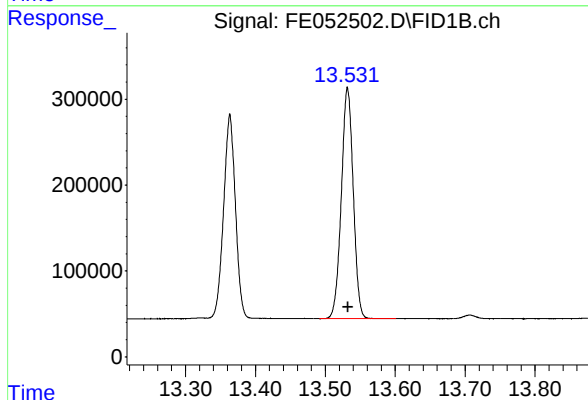
R.T.: 11.919 min
Delta R.T.: 0.002 min
Response: 3779943
Conc: 20.22 ug/ml

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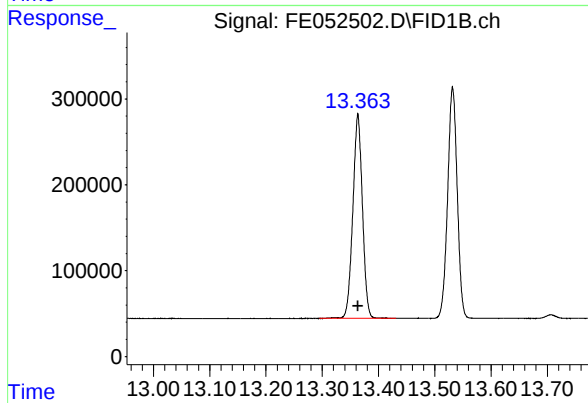
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 3242108
Conc: 20.34 ug/ml



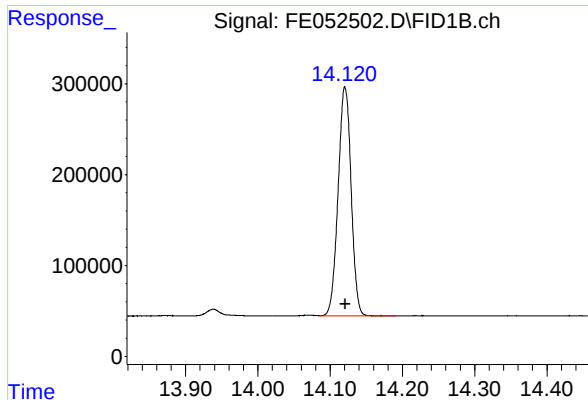
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 3178036
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

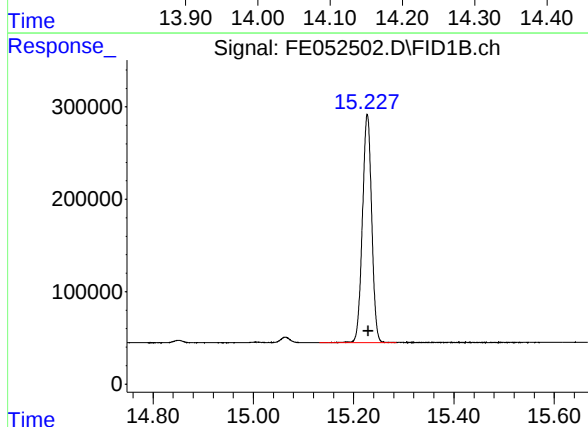
R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 2812566
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

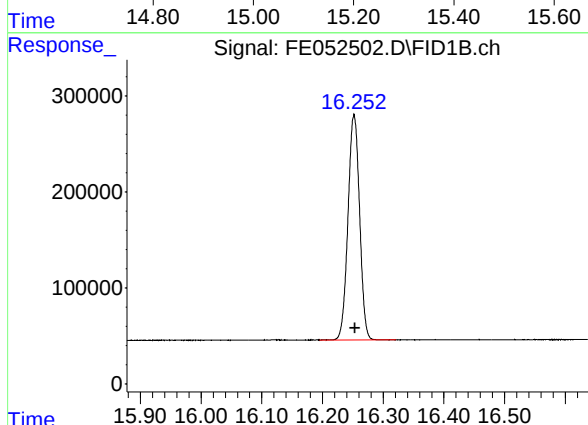
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 3157717
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



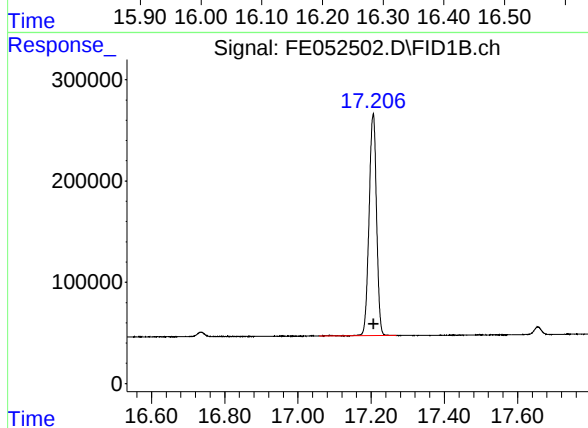
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.002 min
Response: 3160211
Conc: 20.09 ug/ml



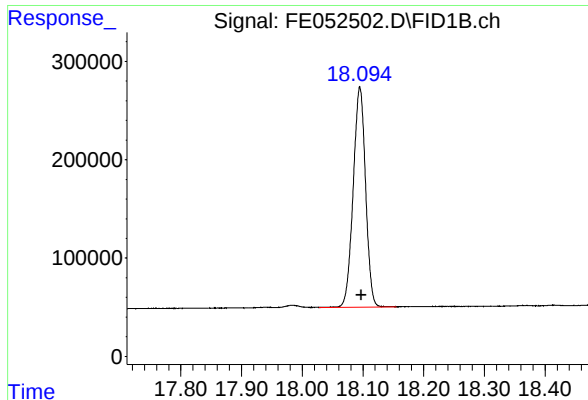
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.002 min
Response: 3119313
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

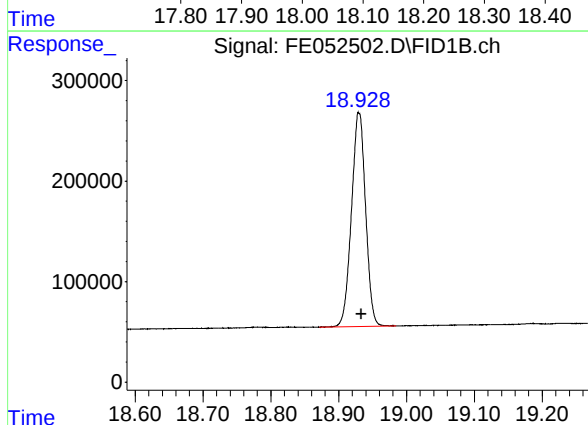
R.T.: 17.205 min
Delta R.T.: -0.002 min
Response: 3097091
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

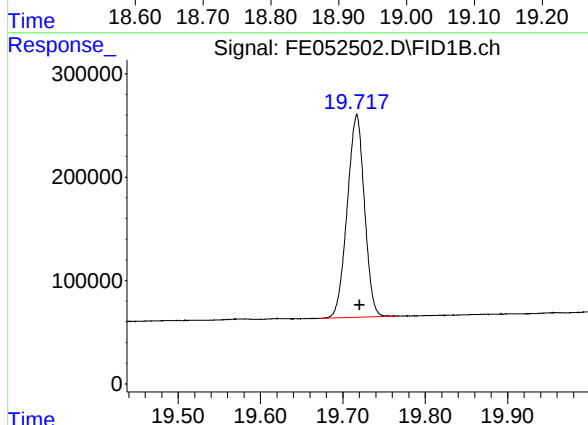
R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 3166327
Conc: 20.28 ug/ml

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20 PPM ALIPHATIC HC STD



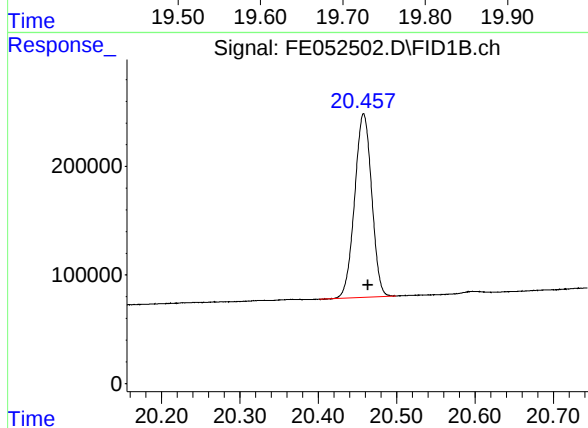
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.003 min
Response: 3073831
Conc: 20.09 ug/ml



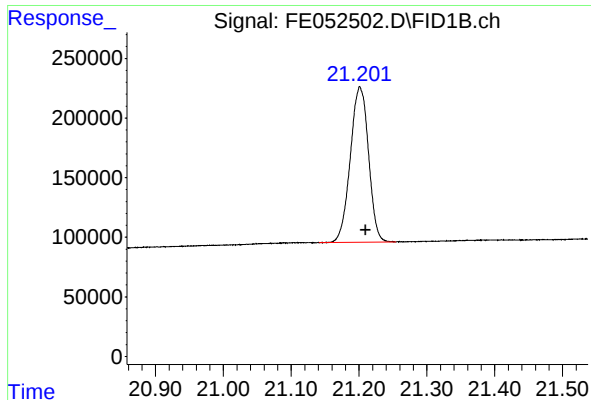
#19 n-Tetatriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.004 min
Response: 2848480
Conc: 20.02 ug/ml



#20 n-Hexatriacontane (C36)

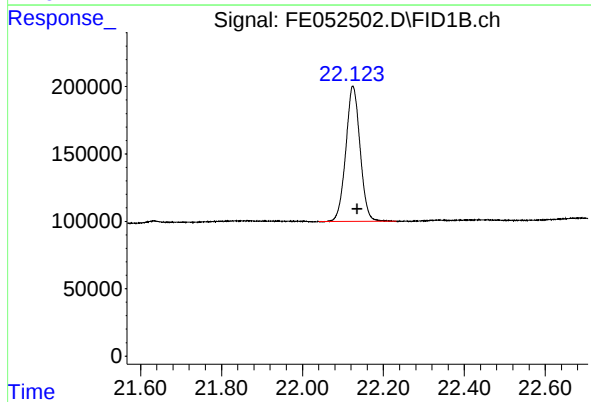
R.T.: 20.458 min
Delta R.T.: -0.006 min
Response: 2550609
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.008 min
Response: 2430478
Conc: 22.24 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.011 min
Response: 2463328
Conc: 24.49 ug/ml