

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055628.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 09:15
 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: Sep 03 10:48:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.078	3828963	23.307 ug/ml
Spiked Amount 50.000		Recovery =	46.61%
12) S 1-chlorooctadecane (S...	13.515	2870096	22.953 ug/ml
Spiked Amount 50.000		Recovery =	45.91%
Target Compounds			
1) T n-Nonane (C9)	3.414	2872387	22.635 ug/ml
2) T n-Decane (C10)	4.672	2975535	23.229 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3382779	23.283 ug/ml
4) T n-Dodecane (C12)	6.848	3044551	23.381 ug/ml
5) T A~2-methylnaphthalene...	7.494	3275903	23.291 ug/ml
6) T n-Tetradecane (C14)	8.687	3075370	23.353 ug/ml
7) T n-Hexadecane (C16)	10.301	3243359	23.418 ug/ml
8) T n-Octadecane (C18)	11.752	3410281	23.380 ug/ml
10) T n-Eicosane (C20)	13.066	3361105	23.350 ug/ml
11) T n-Heneicosane (C21)	13.681	3326155	23.285 ug/ml
13) T n-Docosane (C22)	14.269	3352627	23.421 ug/ml
14) T n-Tetracosane (C24)	15.376	3389507	23.425 ug/ml
15) T n-Hexacosane (C26)	16.400	3339288	23.374 ug/ml
16) T n-Octacosane (C28)	17.352	3338014	23.468 ug/ml
17) T n-Tricontane (C30)	18.242	3526551	23.857 ug/ml
18) T n-Dotriacontane (C32)	19.076	3630355	24.734 ug/ml
19) T n-Tetratriacontane (C34)	19.861	3519950	24.914 ug/ml
20) T n-Hexatriacontane (C36)	20.603	3257441	24.686 ug/ml
21) T n-Octatriacontane (C38)	21.380	3129443	24.028 ug/ml
22) T n-Tetracontane (C40)	22.370	2859043	22.294 ug/ml

(f)=RT Delta > 1/2 Window

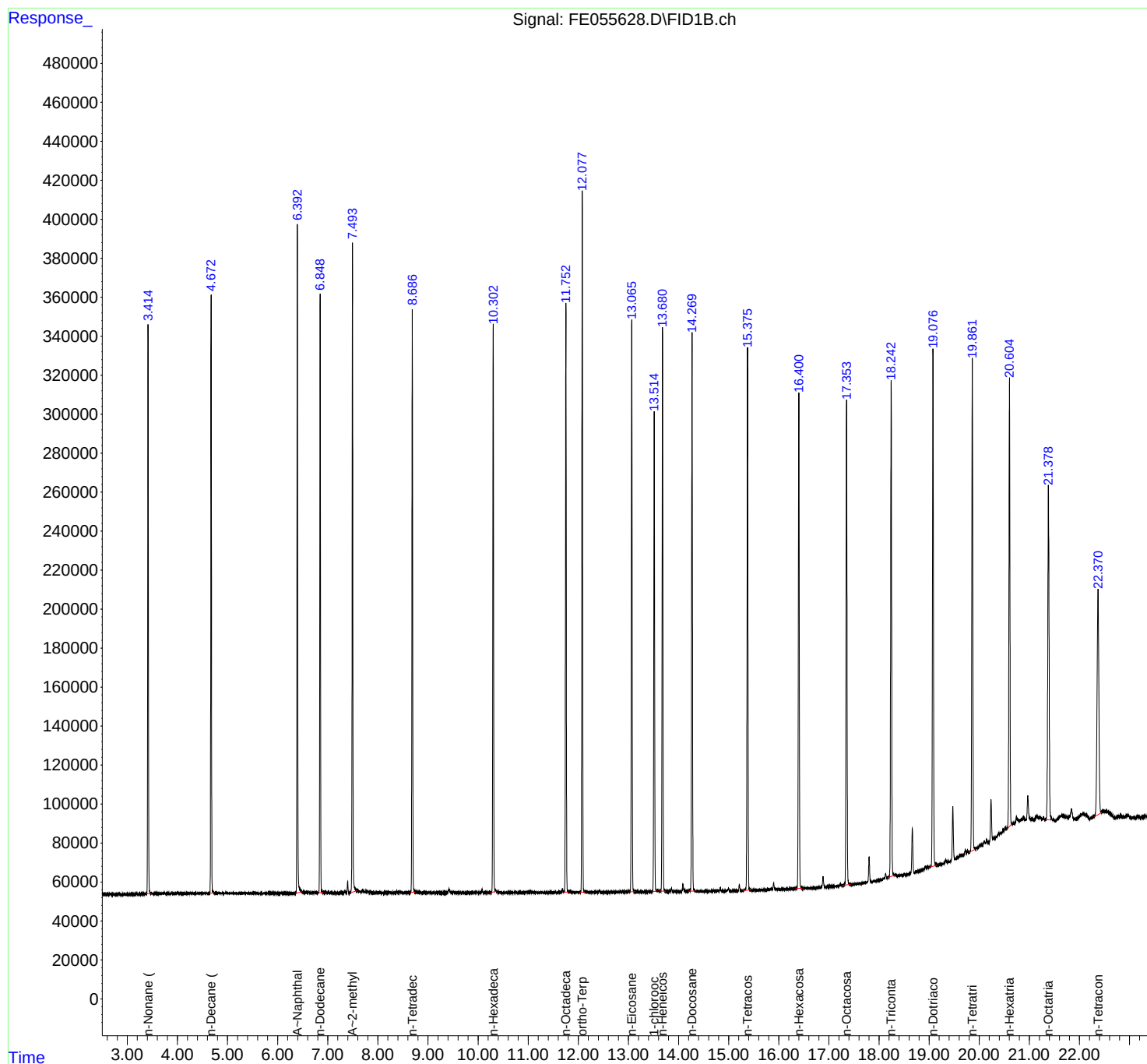
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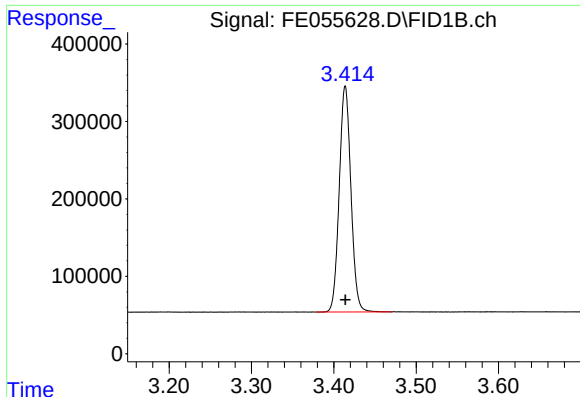
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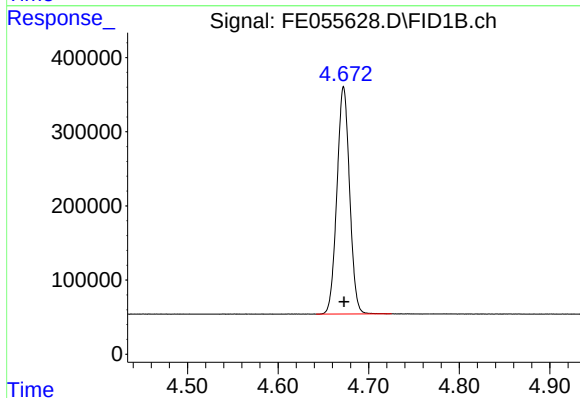




#1 n-Nonane (C9)

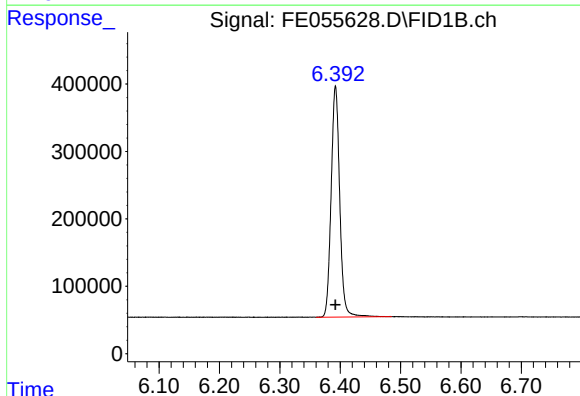
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2872387
Conc: 22.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



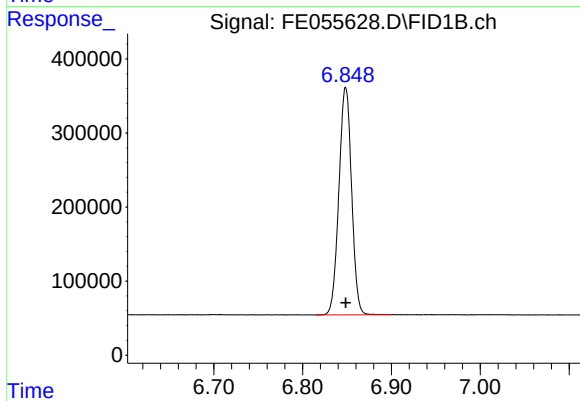
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2975535
Conc: 23.23 ug/ml



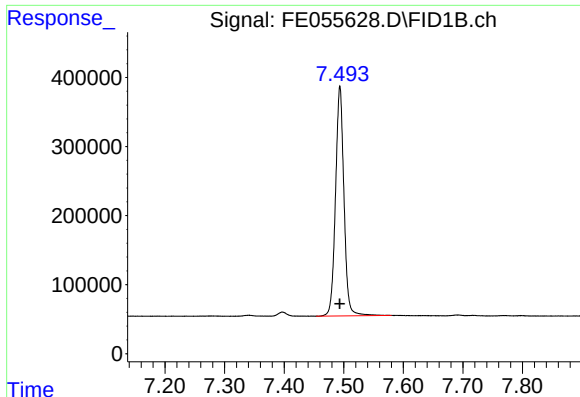
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 3382779
Conc: 23.28 ug/ml



#4 n-Dodecane (C12)

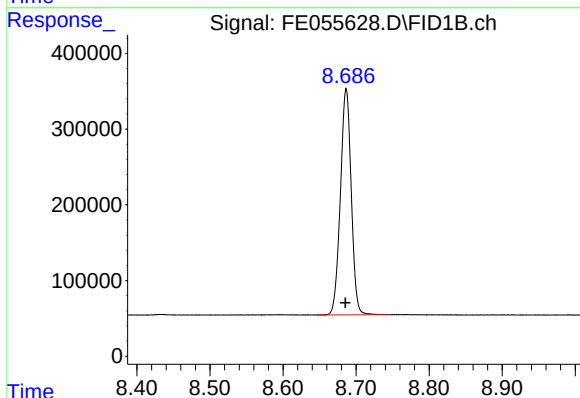
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3044551
Conc: 23.38 ug/ml



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

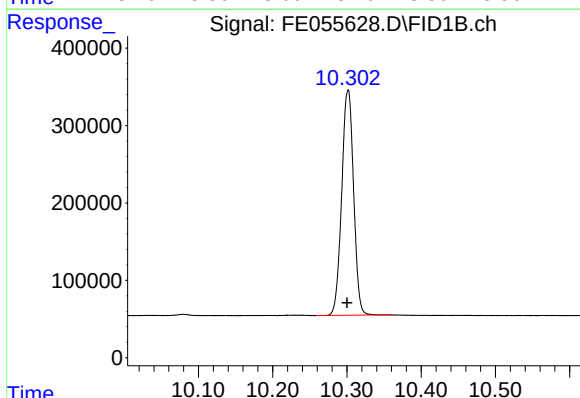
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 3275903
Conc: 23.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



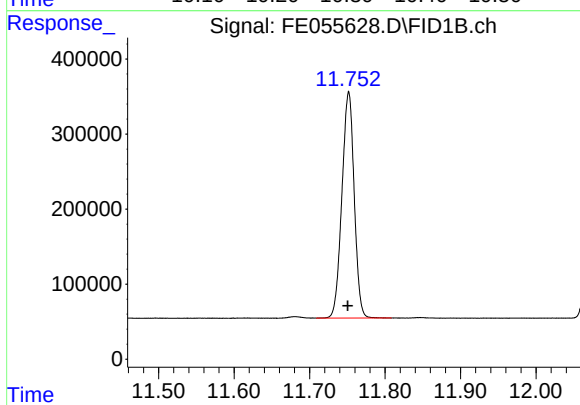
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 3075370
Conc: 23.35 ug/ml



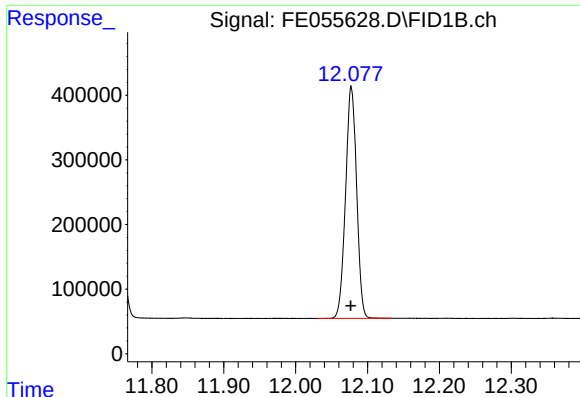
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: 0.001 min
Response: 3243359
Conc: 23.42 ug/ml



#8 n-Octadecane (C18)

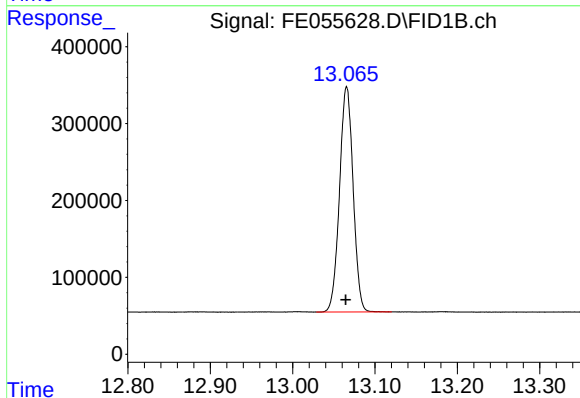
R.T.: 11.752 min
Delta R.T.: 0.001 min
Response: 3410281
Conc: 23.38 ug/ml



#9 ortho-Terphenyl (SURR)

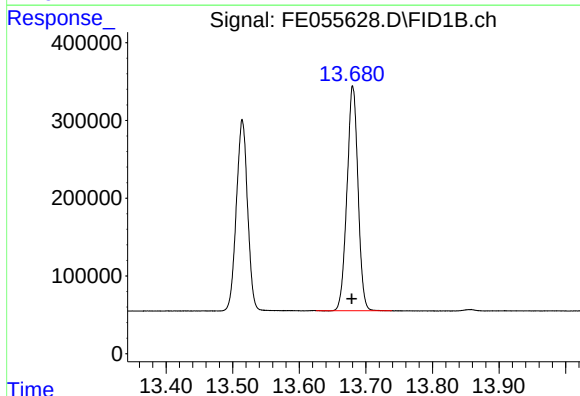
R.T.: 12.078 min
Delta R.T.: 0.000 min
Response: 3828963
Conc: 23.31 ug/ml

Instrument :
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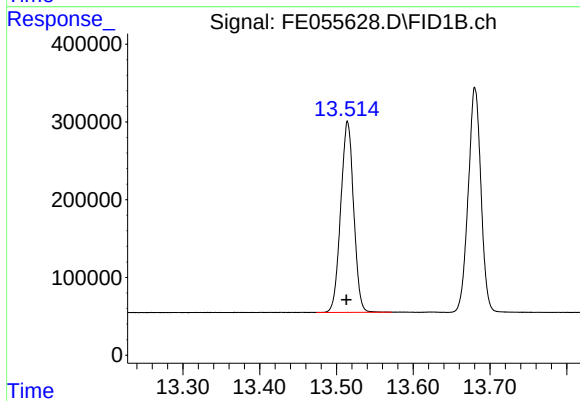
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: 0.001 min
Response: 3361105
Conc: 23.35 ug/ml



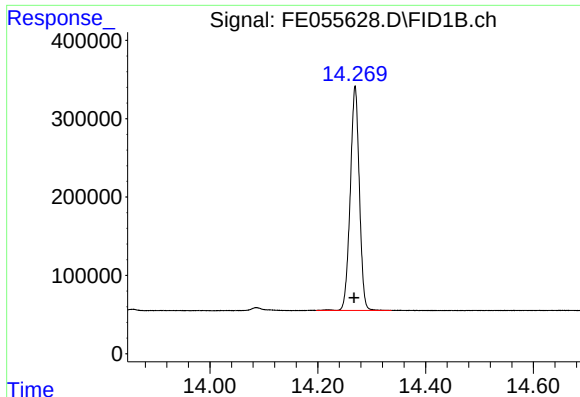
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 3326155
Conc: 23.29 ug/ml



#12 1-chlorooctadecane (SURR)

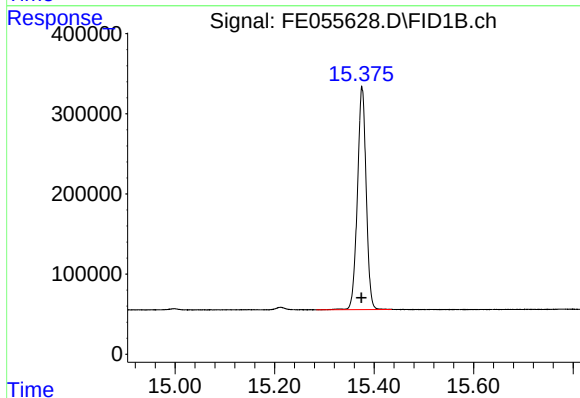
R.T.: 13.515 min
Delta R.T.: 0.002 min
Response: 2870096
Conc: 22.95 ug/ml



#13 n-Docosane (C22)

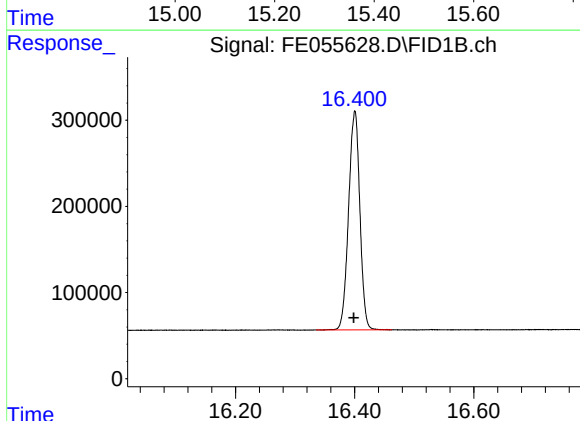
R.T.: 14.269 min
Delta R.T.: 0.002 min
Response: 3352627
Conc: 23.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



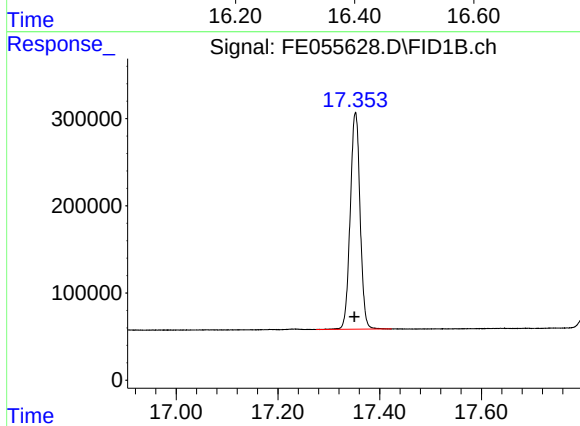
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: 0.001 min
Response: 3389507
Conc: 23.42 ug/ml



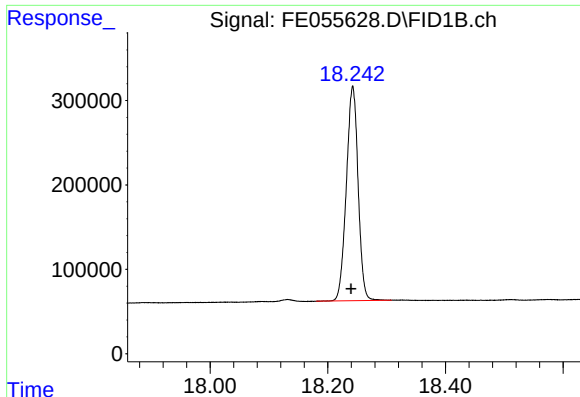
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: 0.002 min
Response: 3339288
Conc: 23.37 ug/ml



#16 n-Octacosane (C28)

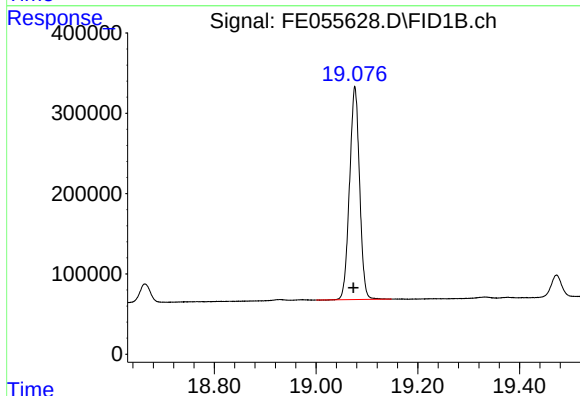
R.T.: 17.352 min
Delta R.T.: 0.002 min
Response: 3338014
Conc: 23.47 ug/ml



#17 n-Tricontane (C30)

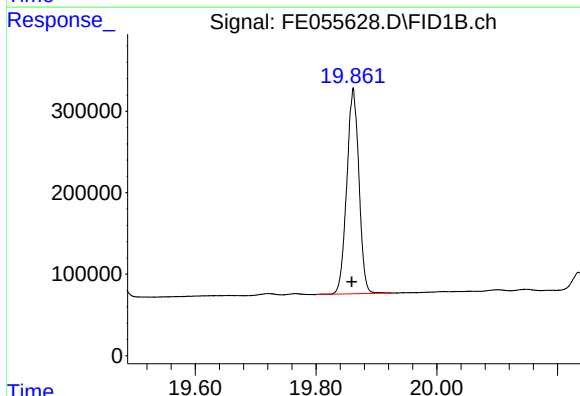
R.T.: 18.242 min
Delta R.T.: 0.003 min
Response: 3526551
Conc: 23.86 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



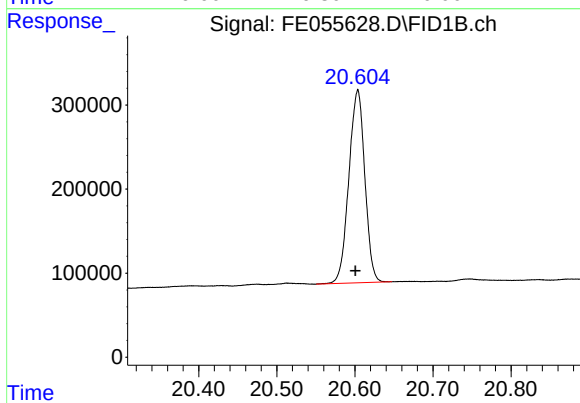
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: 0.003 min
Response: 3630355
Conc: 24.73 ug/ml



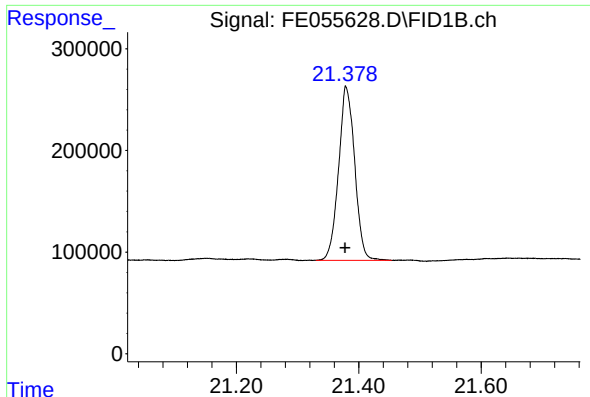
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.003 min
Response: 3519950
Conc: 24.91 ug/ml



#20 n-Hexatriacontane (C36)

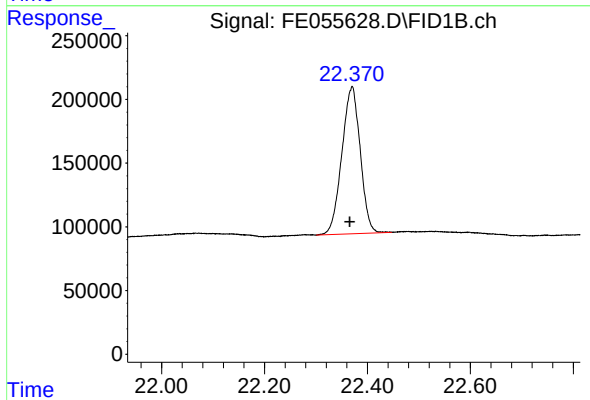
R.T.: 20.603 min
Delta R.T.: 0.003 min
Response: 3257441
Conc: 24.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: 0.003 min
Response: 3129443
Conc: 24.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.004 min
Response: 2859043
Conc: 22.29 ug/ml