

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101023AL\
 Data File : FE044752.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2023 08:44
 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: Oct 11 03:12:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.916	3622076	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.358	2657896	19.537 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.299	2935278	18.080 ug/ml
2) T n-Decane (C10)	4.550	3082755	18.617 ug/ml
3) T A~Naphthalene (C11.7)	6.252	3352666	18.752 ug/ml
4) T n-Dodecane (C12)	6.716	3122472	18.772 ug/ml
5) T A~2-methylnaphthalene...	7.347	3227159	18.863 ug/ml
6) T n-Tetradecane (C14)	8.543	3111865	18.955 ug/ml
7) T n-Hexadecane (C16)	10.154	3226191	19.044 ug/ml
8) T n-Octadecane (C18)	11.601	3251935	19.153 ug/ml
10) T n-Eicosane (C20)	12.913	3106159	19.306 ug/ml
11) T n-Heneicosane (C21)	13.527	3021626	19.297 ug/ml
13) T n-Docosane (C22)	14.114	3007398	19.499 ug/ml
14) T n-Tetracosane (C24)	15.219	2995456	19.816 ug/ml
15) T n-Hexacosane (C26)	16.241	2934908	19.952 ug/ml
16) T n-Octacosane (C28)	17.193	3034947	21.161 ug/ml
17) T n-Tricontane (C30)	18.082	3349393	22.595 ug/ml
18) T n-Dotriacontane (C32)	18.916	3484529	23.538 ug/ml
19) T n-Tetratriacontane (C34)	19.702	3331415	22.796 ug/ml
20) T n-Hexatriacontane (C36)	20.443	3160987	21.792 ug/ml
21) T n-Octatriacontane (C38)	21.187	3050469	20.365 ug/ml
22) T n-Tetracontane (C40)	22.107	3229083	20.462 ug/ml

(f)=RT Delta > 1/2 Window

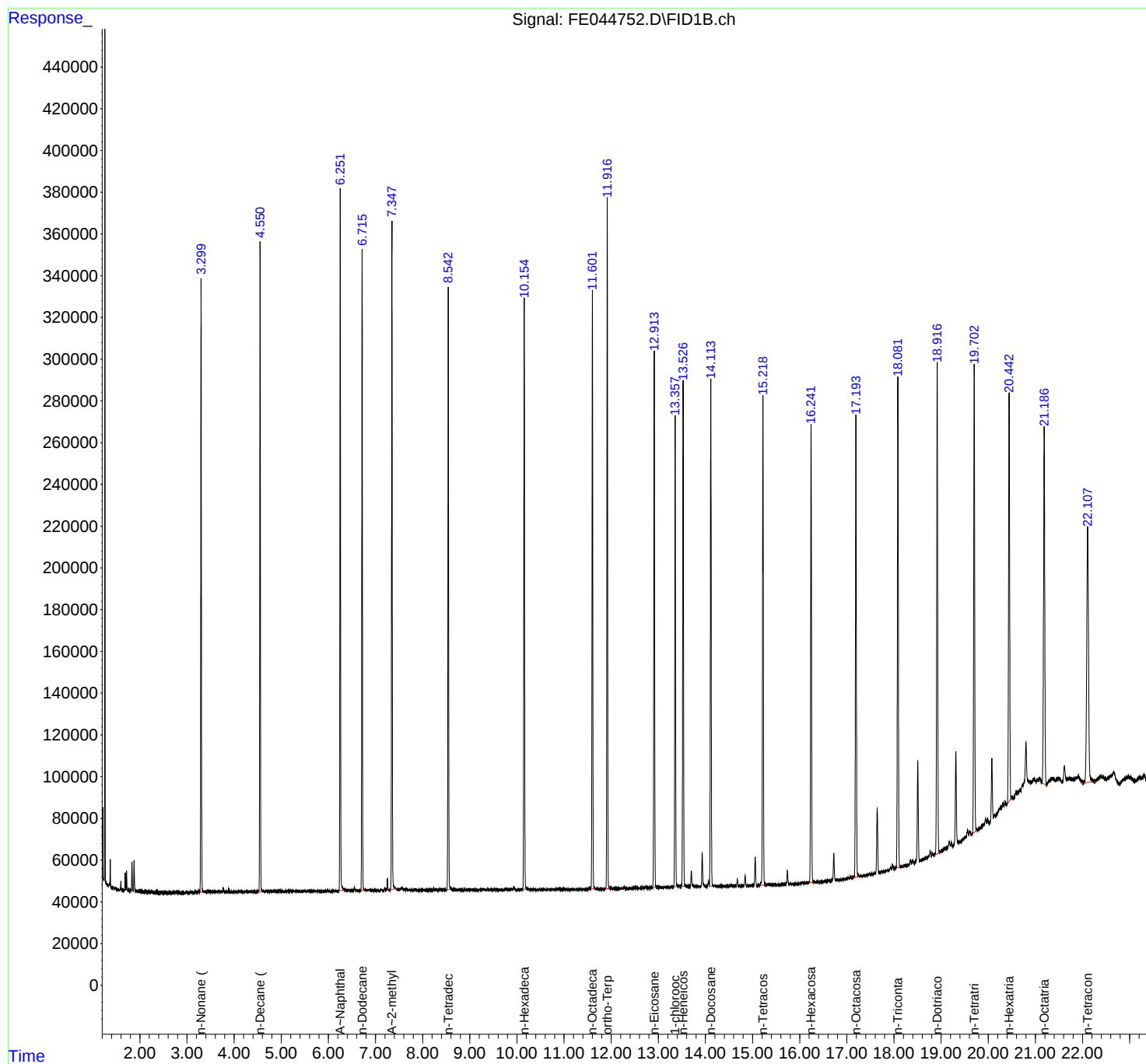
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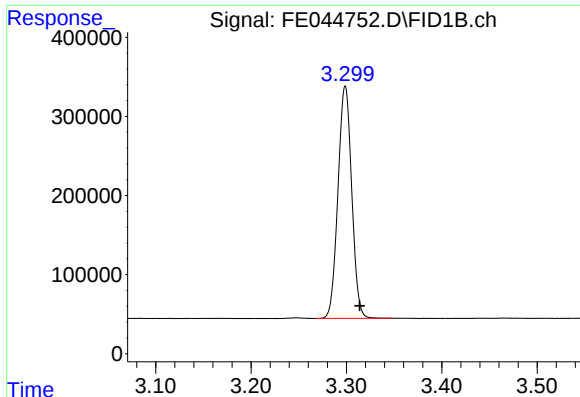
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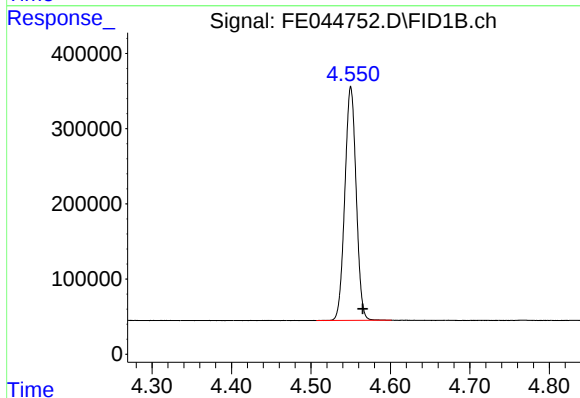




#1 n-Nonane (C9)

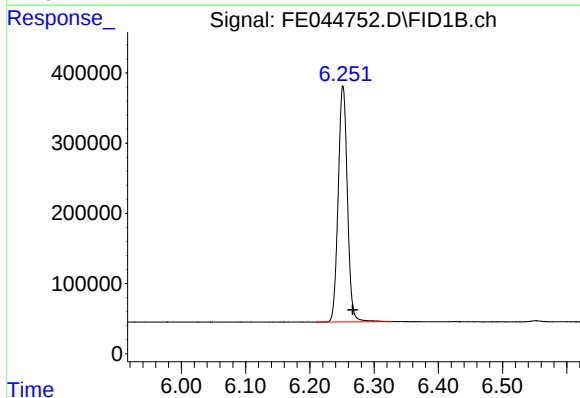
R.T.: 3.299 min
Delta R.T.: -0.015 min
Response: 2935278
Conc: 18.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



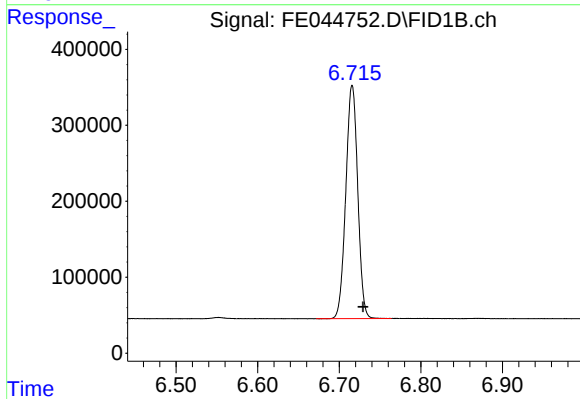
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.015 min
Response: 3082755
Conc: 18.62 ug/ml



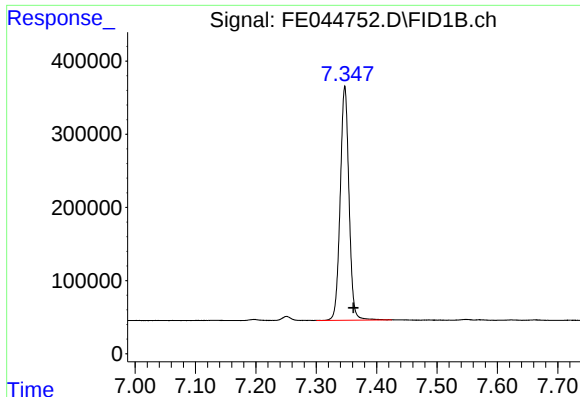
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.015 min
Response: 3352666
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

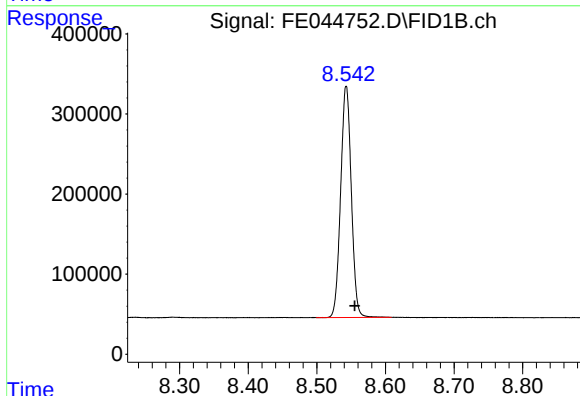
R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 3122472
Conc: 18.77 ug/ml



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

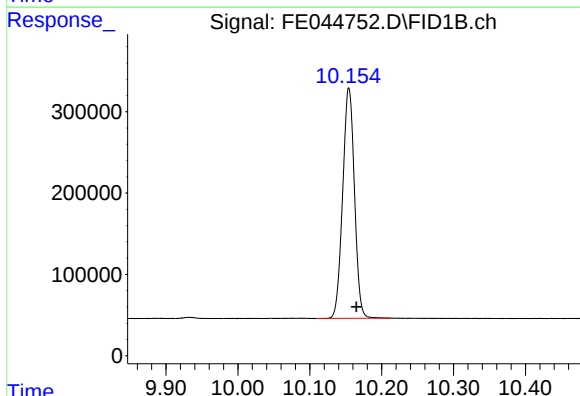
R.T.: 7.347 min
Delta R.T.: -0.014 min
Response: 3227159
Conc: 18.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



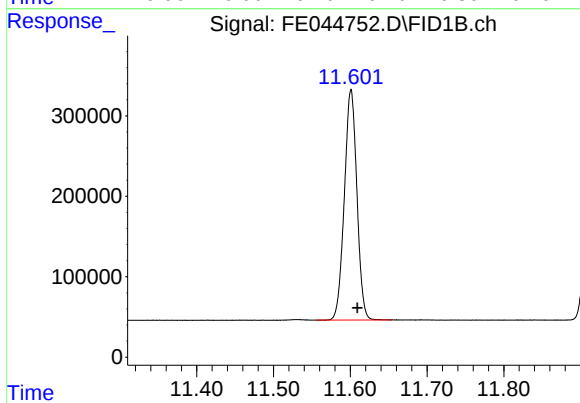
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.012 min
Response: 3111865
Conc: 18.96 ug/ml



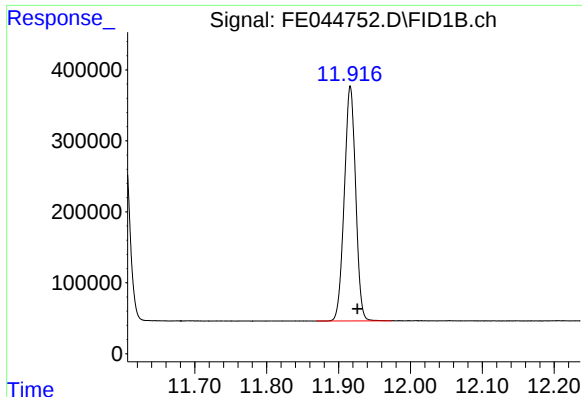
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.010 min
Response: 3226191
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

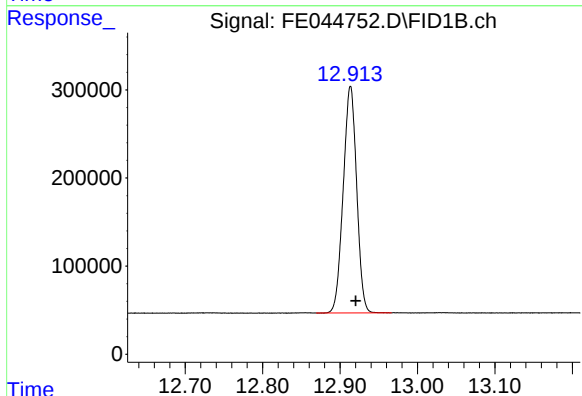
R.T.: 11.601 min
Delta R.T.: -0.009 min
Response: 3251935
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

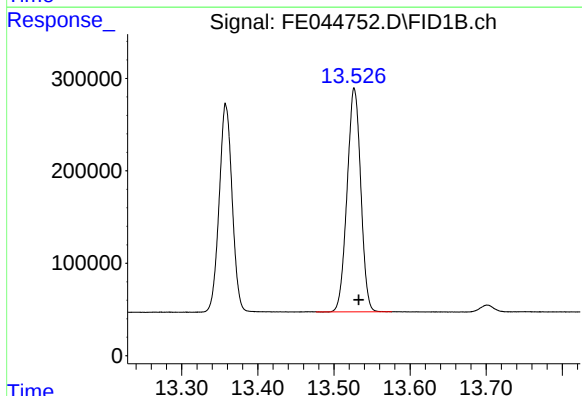
R.T.: 11.916 min
Delta R.T.: -0.010 min
Response: 3622076
Conc: 19.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



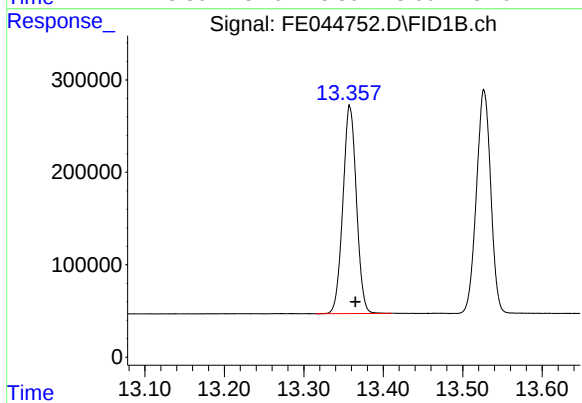
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 3106159
Conc: 19.31 ug/ml



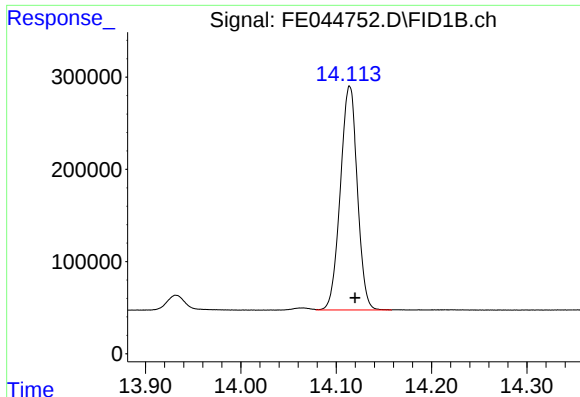
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.006 min
Response: 3021626
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

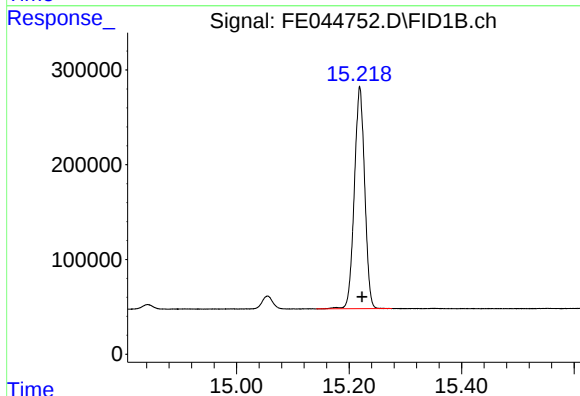
R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2657896
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

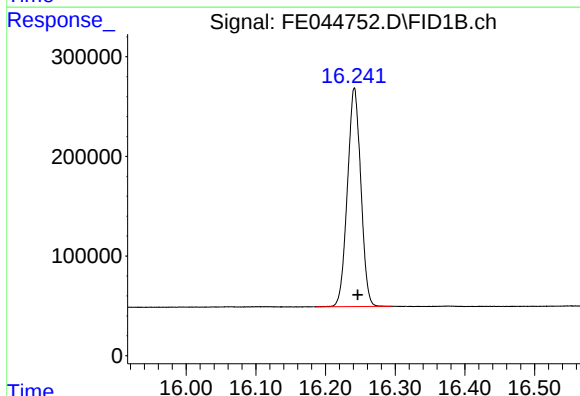
R.T.: 14.114 min
Delta R.T.: -0.006 min
Response: 3007398
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



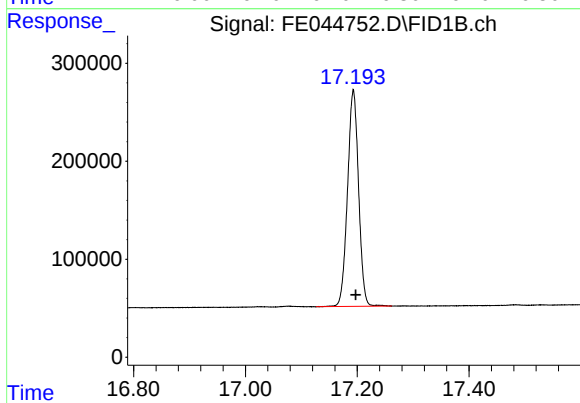
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.004 min
Response: 2995456
Conc: 19.82 ug/ml



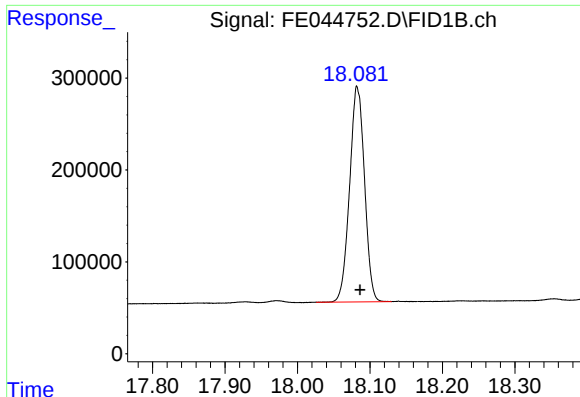
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.005 min
Response: 2934908
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

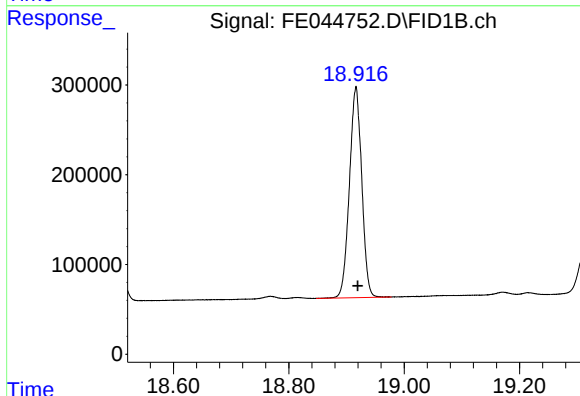
R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 3034947
Conc: 21.16 ug/ml



#17 n-Tricontane (C30)

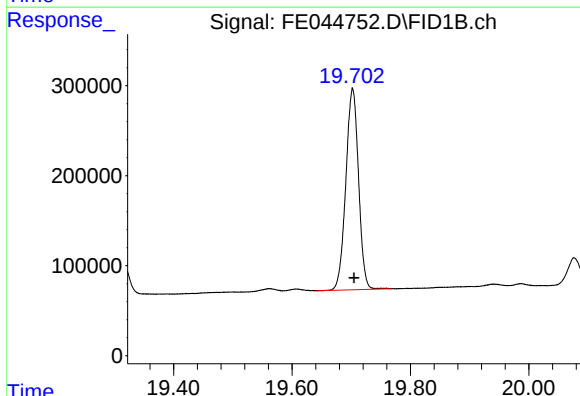
R.T.: 18.082 min
Delta R.T.: -0.004 min
Response: 3349393
Conc: 22.60 ug/ml

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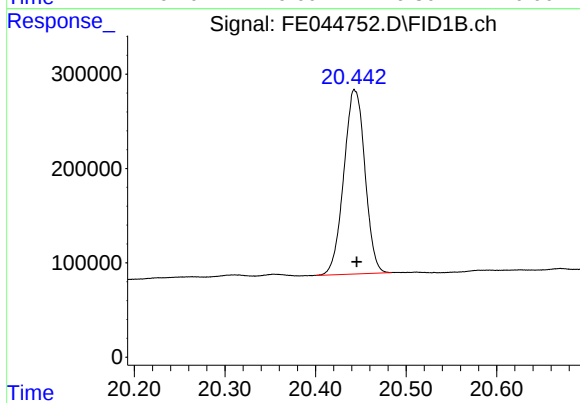
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.003 min
Response: 3484529
Conc: 23.54 ug/ml



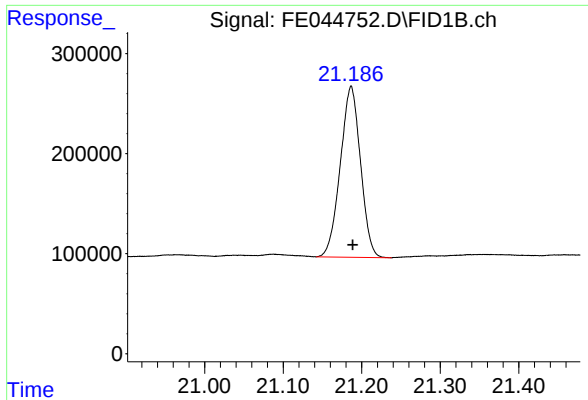
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.002 min
Response: 3331415
Conc: 22.80 ug/ml



#20 n-Hexatriacontane (C36)

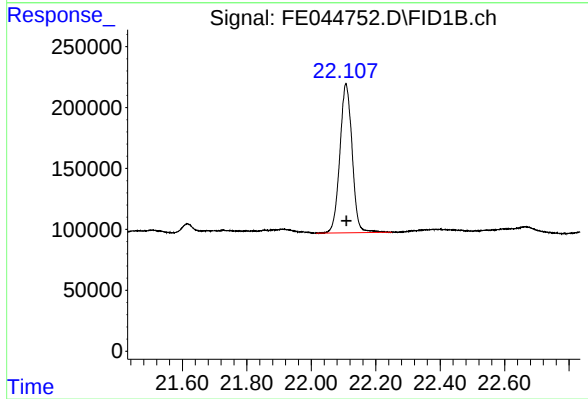
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 3160987
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.002 min
Response: 3050469
Conc: 20.37 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.002 min
Response: 3229083
Conc: 20.46 ug/ml