

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044604.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 03:56
 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 05 04:21:00 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)	11.923	3661297	19.502 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.365	2687367	19.754 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.305	3035162	18.695 ug/ml
2) T n-Decane (C10)	4.557	3147303	19.007 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3430866	19.190 ug/ml
4) T n-Dodecane (C12)	6.722	3193016	19.197 ug/ml
5) T A~2-methylnaphthalene...	7.354	3290700	19.234 ug/ml
6) T n-Tetradecane (C14)	8.550	3187367	19.415 ug/ml
7) T n-Hexadecane (C16)	10.161	3310675	19.543 ug/ml
8) T n-Octadecane (C18)	11.607	3330418	19.615 ug/ml
10) T n-Eicosane (C20)	12.920	3156832	19.621 ug/ml
11) T n-Heneicosane (C21)	13.533	3066487	19.583 ug/ml
13) T n-Docosane (C22)	14.121	3026628	19.624 ug/ml
14) T n-Tetracosane (C24)	15.226	2955140	19.549 ug/ml
15) T n-Hexacosane (C26)	16.250	2893141	19.668 ug/ml
16) T n-Octacosane (C28)	17.203	2956178	20.612 ug/ml
17) T n-Tricontane (C30)	18.093	3316060	22.371 ug/ml
18) T n-Dotriacontane (C32)	18.928	3465294	23.408 ug/ml
19) T n-Tetratriacontane (C34)	19.715	3307488	22.632 ug/ml
20) T n-Hexatriacontane (C36)	20.457	3165097	21.820 ug/ml
21) T n-Octatriacontane (C38)	21.202	3152014	21.043 ug/ml
22) T n-Tetracontane (C40)	22.136	3211943	20.353 ug/ml

(f)=RT Delta > 1/2 Window

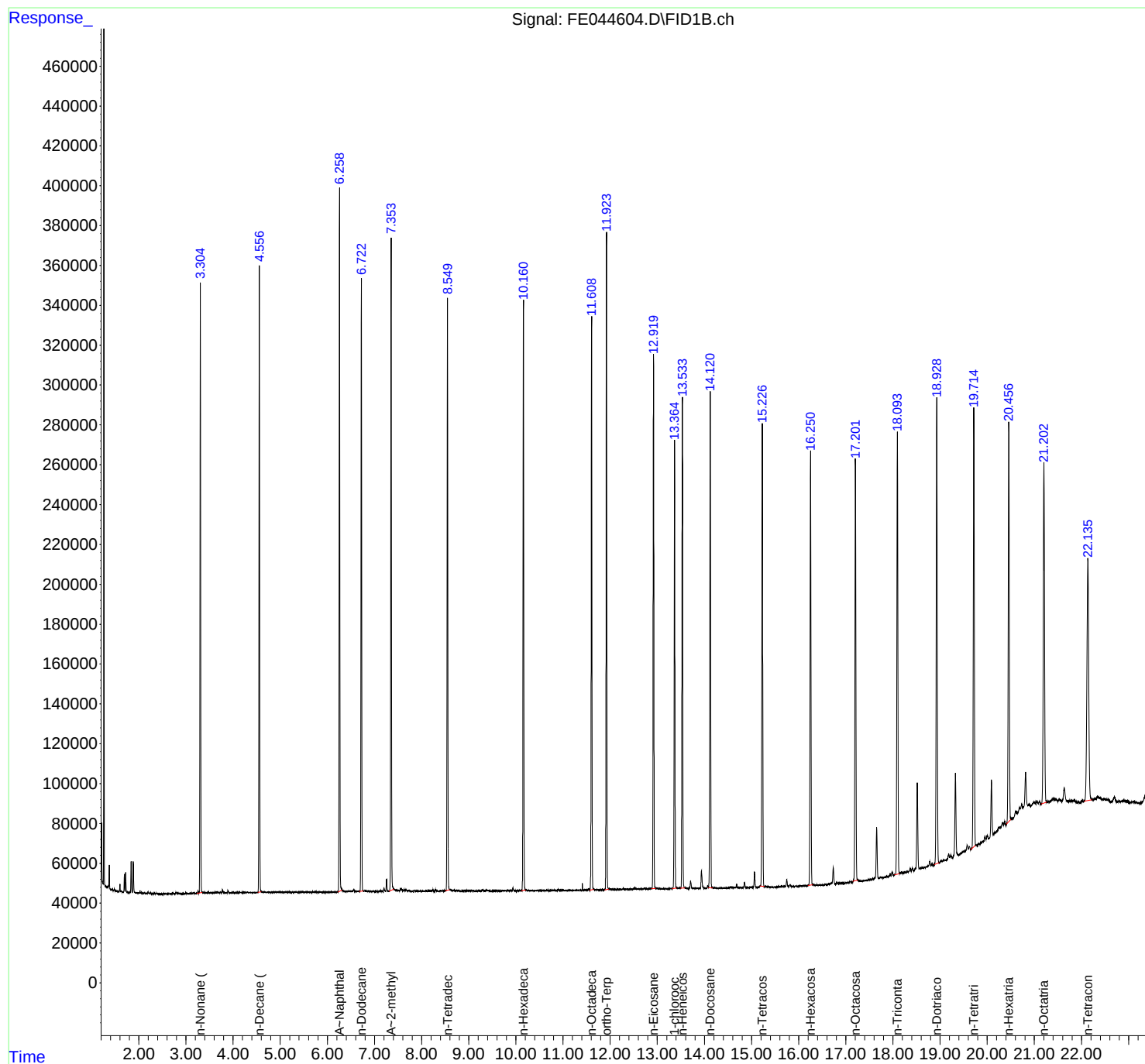
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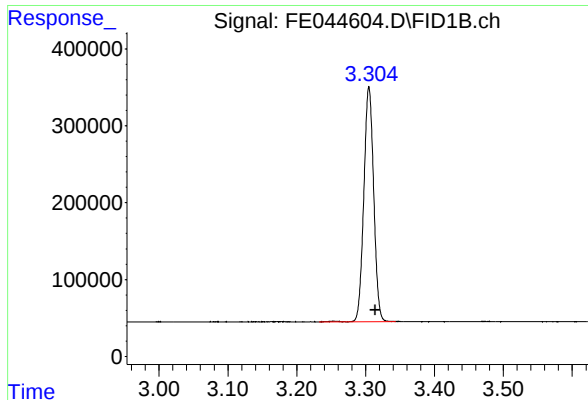
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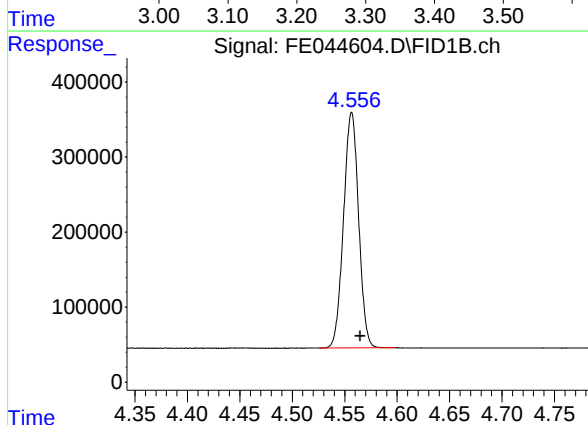




#1 n-Nonane (C9)

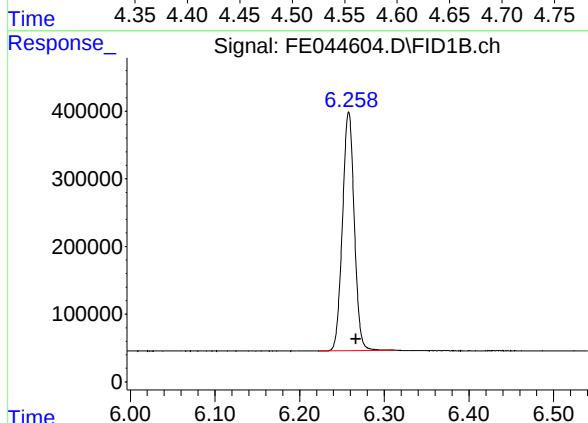
R.T.: 3.305 min
Delta R.T.: -0.009 min
Response: 3035162
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



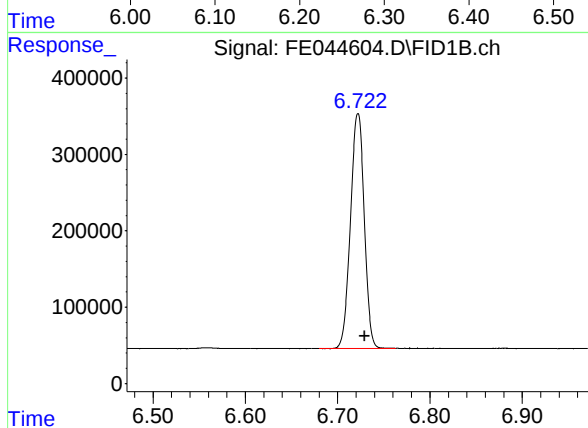
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.008 min
Response: 3147303
Conc: 19.01 ug/ml



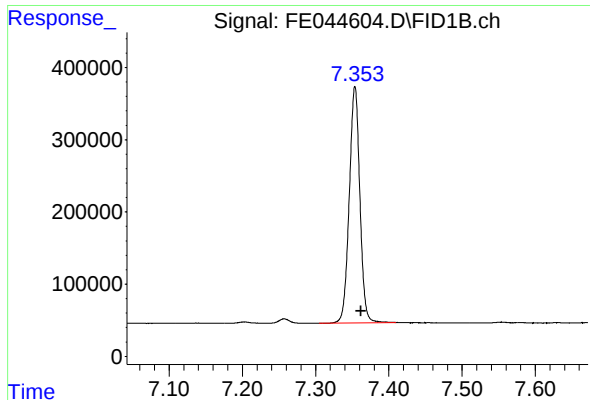
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.008 min
Response: 3430866
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

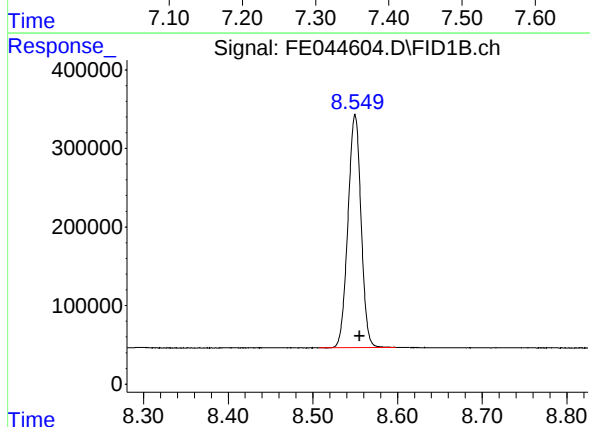
R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 3193016
Conc: 19.20 ug/ml



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

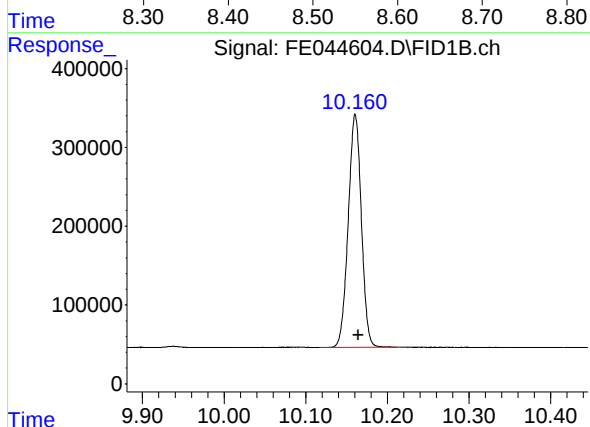
R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 3290700
Conc: 19.23 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



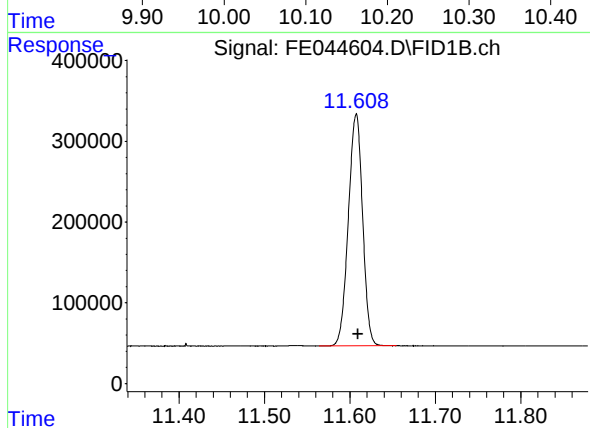
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 3187367
Conc: 19.42 ug/ml



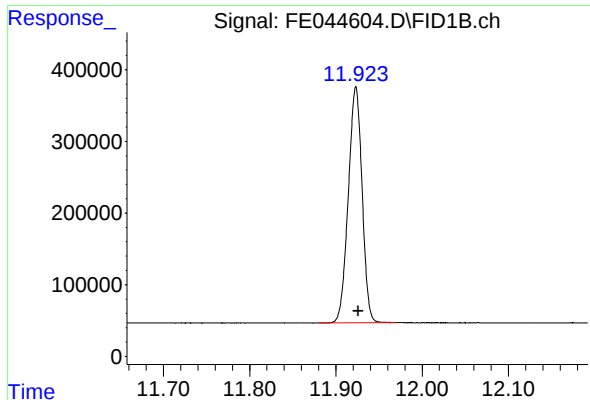
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 3310675
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

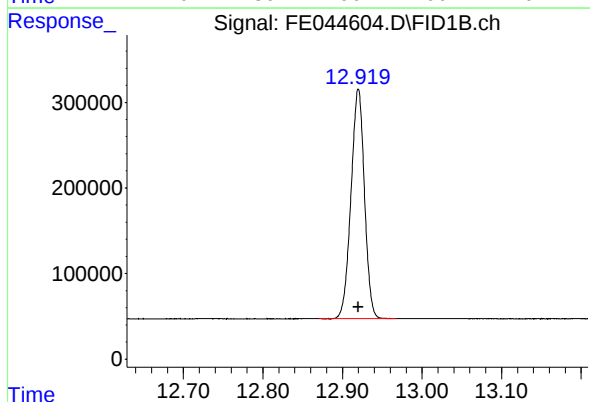
R.T.: 11.607 min
Delta R.T.: -0.002 min
Response: 3330418
Conc: 19.62 ug/ml



#9 ortho-Terphenyl (SURR)

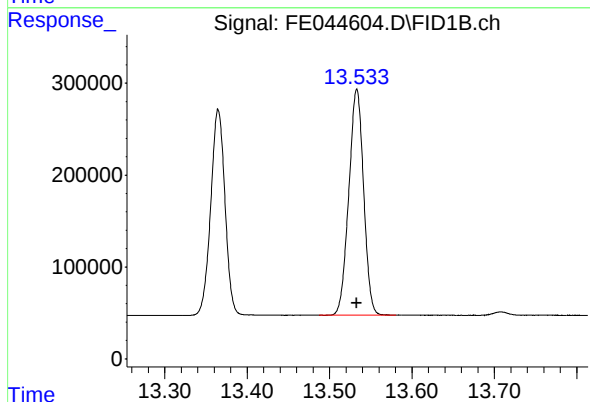
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 3661297
Conc: 19.50 ug/ml

Instrument :
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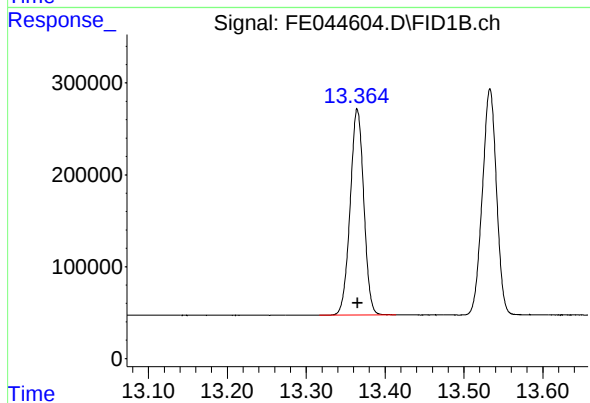
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 3156832
Conc: 19.62 ug/ml



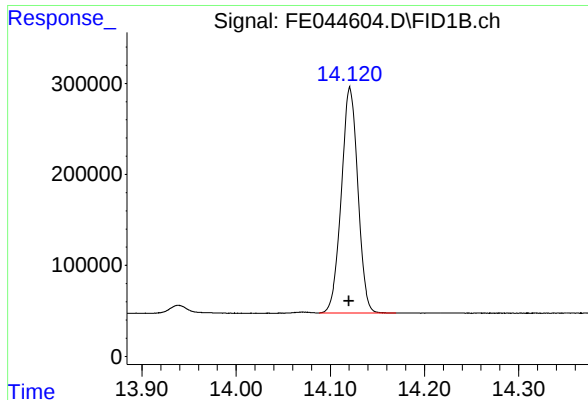
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 3066487
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

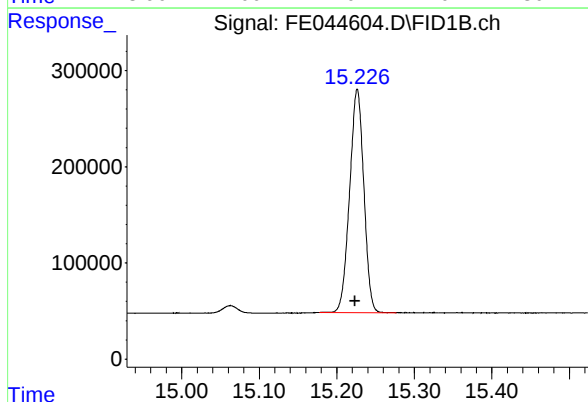
R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 2687367
Conc: 19.75 ug/ml



#13 n-Docosane (C22)

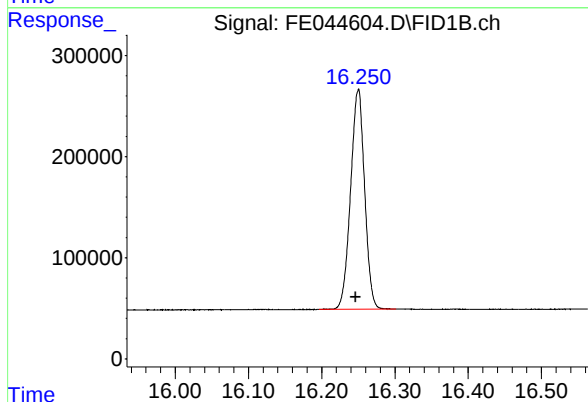
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 3026628
Conc: 19.62 ug/ml

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20 PPM ALIPHATIC HC STD



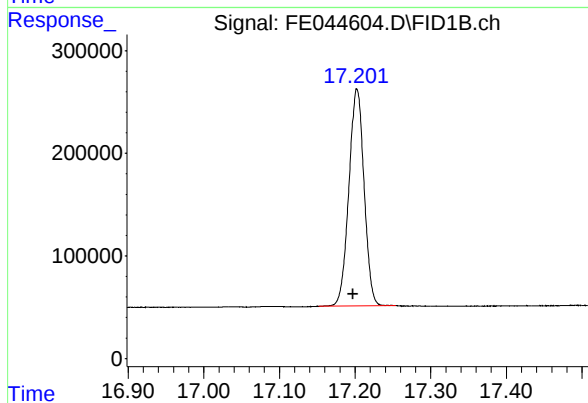
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.003 min
Response: 2955140
Conc: 19.55 ug/ml



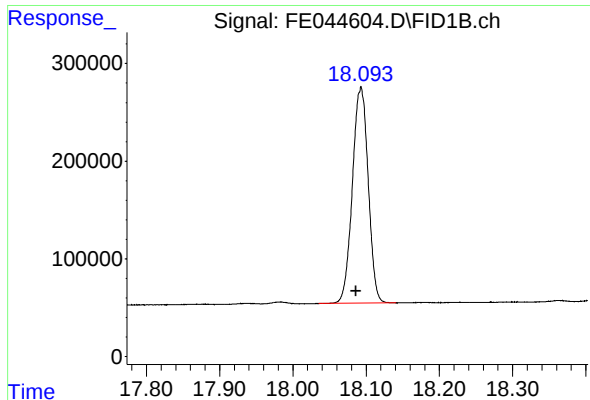
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.004 min
Response: 2893141
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

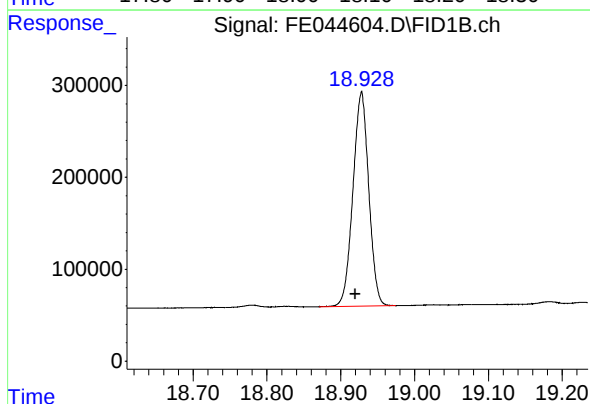
R.T.: 17.203 min
Delta R.T.: 0.006 min
Response: 2956178
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

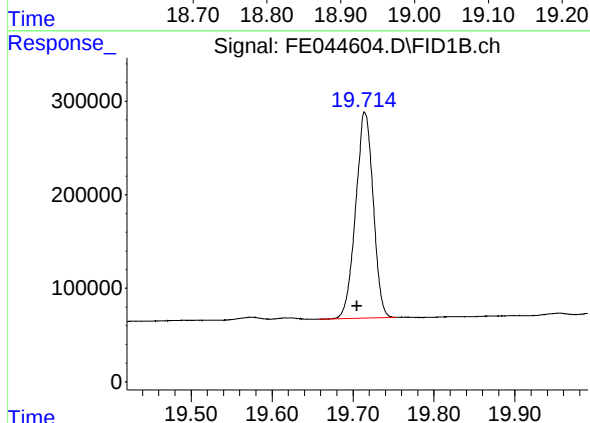
R.T.: 18.093 min
Delta R.T.: 0.007 min
Response: 3316060
Conc: 22.37 ug/ml

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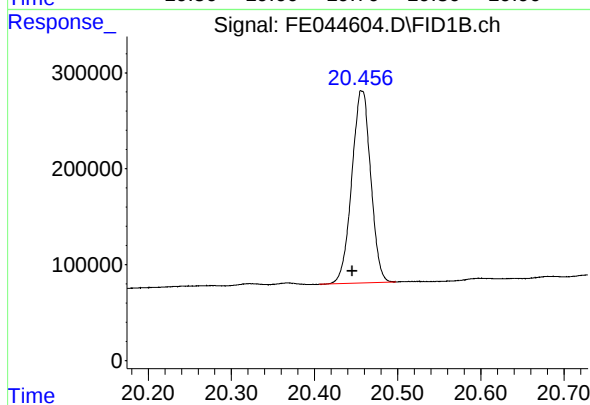
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.008 min
Response: 3465294
Conc: 23.41 ug/ml



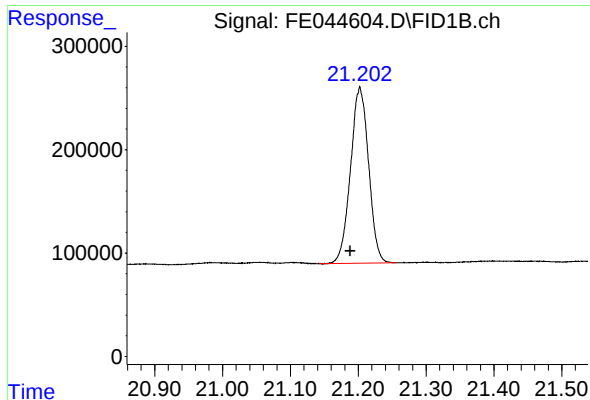
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.010 min
Response: 3307488
Conc: 22.63 ug/ml



#20 n-Hexatriacontane (C36)

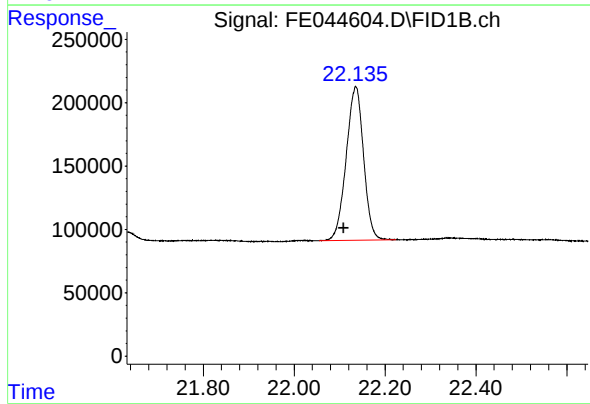
R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 3165097
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.014 min
Response: 3152014
Conc: 21.04 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.026 min
Response: 3211943
Conc: 20.35 ug/ml