

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
 Data File : FE037922.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 10:07
 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 04 10:50:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.605	3818162	22.075 ug/ml
Spiked Amount 50.000		Recovery =	44.15%
12) S 1-chlorooctadecane (S...	13.026	2968052	21.959 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
Target Compounds			
1) T n-Nonane (C9)	3.004	3288867	22.331 ug/ml
2) T n-Decane (C10)	4.260	3357819	22.711 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3167406	23.130 ug/ml
4) T n-Dodecane (C12)	6.431	3477033	22.818 ug/ml
5) T A~2-methylnaphthalene...	7.075	2995314	22.537 ug/ml
6) T n-Tetradecane (C14)	8.249	3502428	22.884 ug/ml
7) T n-Hexadecane (C16)	9.847	3570491	22.859 ug/ml
8) T n-Octadecane (C18)	11.281	3608659	22.498 ug/ml
10) T n-Eicosane (C20)	12.582	3630041	22.260 ug/ml
11) T n-Heneicosane (C21)	13.191	3625862	22.006 ug/ml
13) T n-Docosane (C22)	13.773	3657581	22.219 ug/ml
14) T n-Tetracosane (C24)	14.870	3610120	22.012 ug/ml
15) T n-Hexacosane (C26)	15.885	3522143	21.600 ug/ml
16) T n-Octacosane (C28)	16.829	3463652	21.621 ug/ml
17) T n-Tricontane (C30)	17.711	3462849	21.639 ug/ml
18) T n-Dotriacontane (C32)	18.538	3359835	21.336 ug/ml
19) T n-Tetratriacontane (C34)	19.317	3054302	20.615 ug/ml
20) T n-Hexatriacontane (C36)	20.052	2905497	20.154 ug/ml
21) T n-Octatriacontane (C38)	20.748	2694904	19.859 ug/ml
22) T n-Tetracontane (C40)	21.514	2593422	20.373 ug/ml

(f)=RT Delta > 1/2 Window

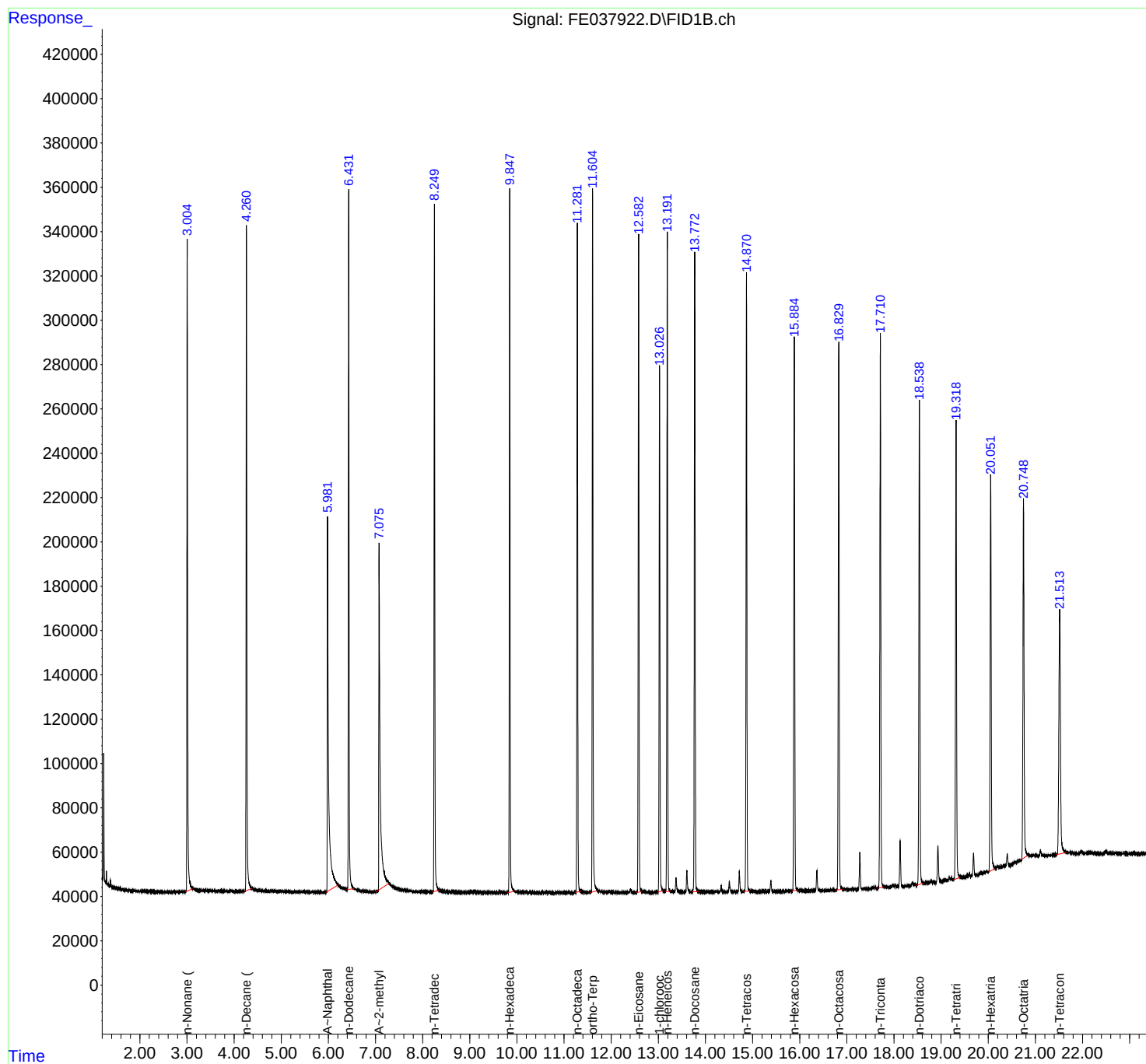
(m)=manual int.

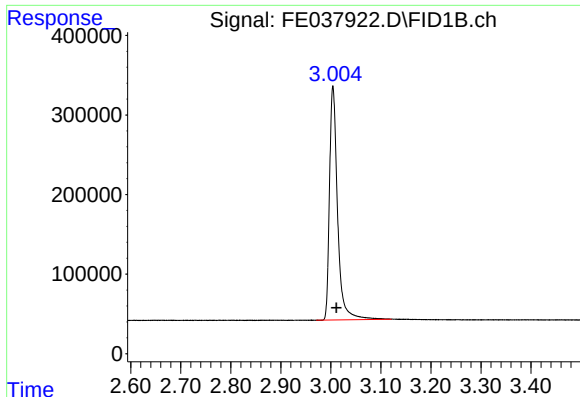
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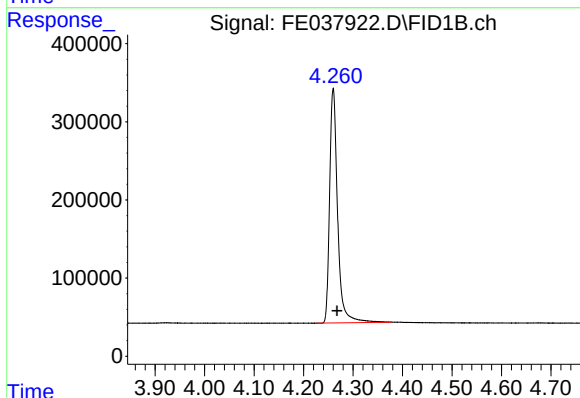




#1 n-Nonane (C9)

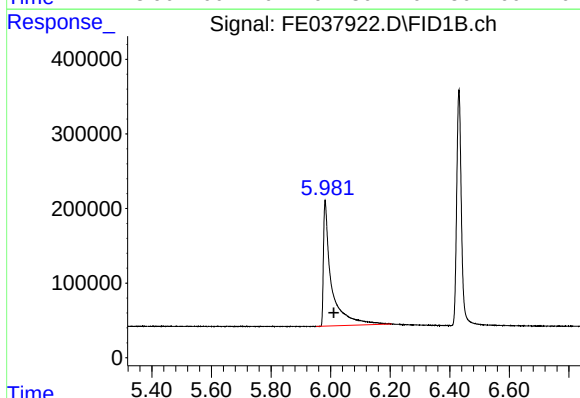
R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 3288867
Conc: 22.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



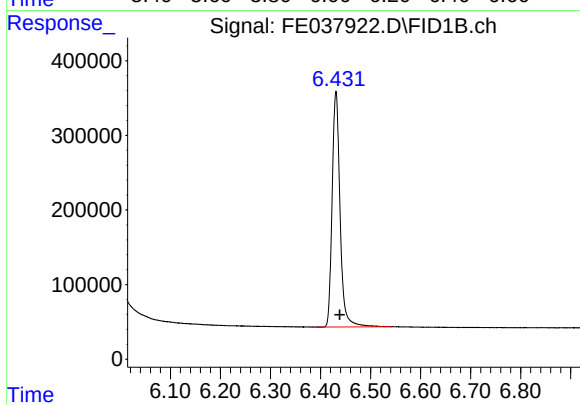
#2 n-Decane (C10)

R.T.: 4.260 min
Delta R.T.: -0.007 min
Response: 3357819
Conc: 22.71 ug/ml



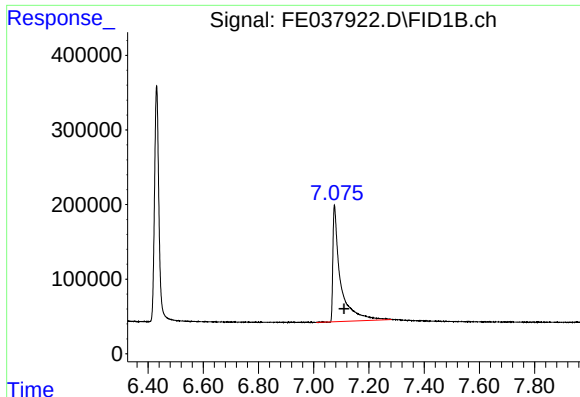
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.029 min
Response: 3167406
Conc: 23.13 ug/ml



#4 n-Dodecane (C12)

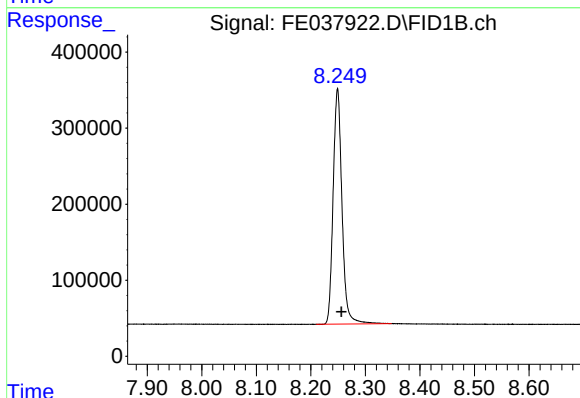
R.T.: 6.431 min
Delta R.T.: -0.007 min
Response: 3477033
Conc: 22.82 ug/ml



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

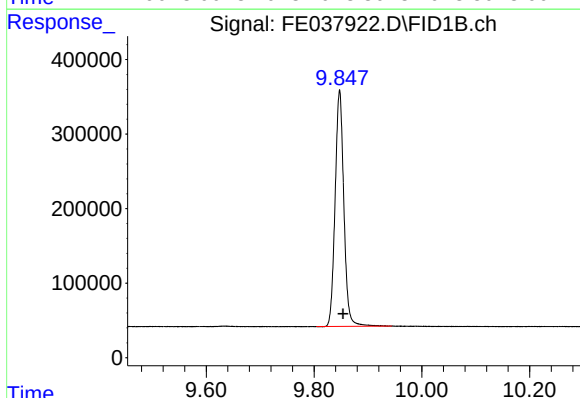
R.T.: 7.075 min
Delta R.T.: -0.034 min
Response: 2995314
Conc: 22.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



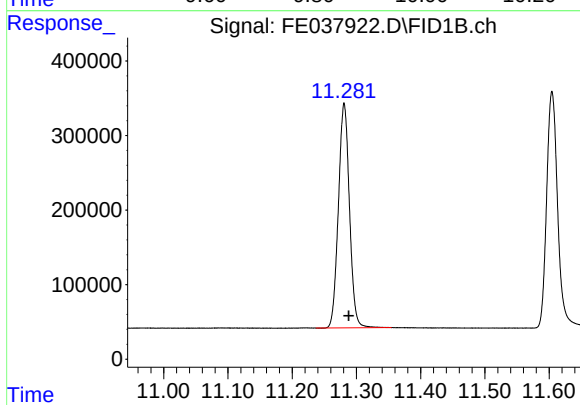
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 3502428
Conc: 22.88 ug/ml



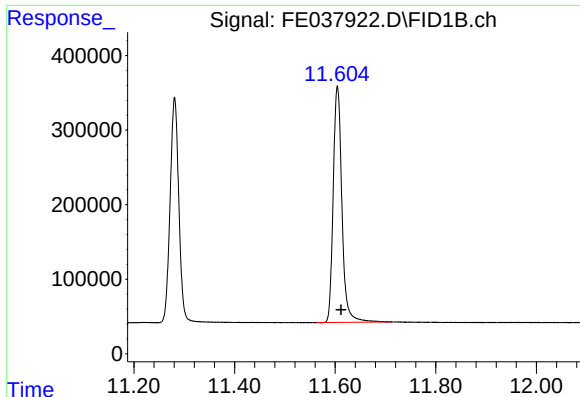
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: -0.007 min
Response: 3570491
Conc: 22.86 ug/ml



#8 n-Octadecane (C18)

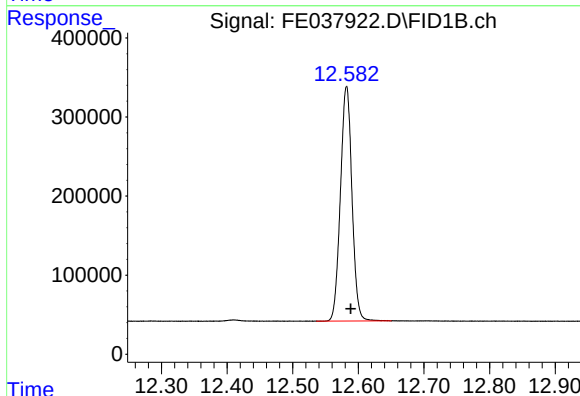
R.T.: 11.281 min
Delta R.T.: -0.007 min
Response: 3608659
Conc: 22.50 ug/ml



#9 ortho-Terphenyl (SURR)

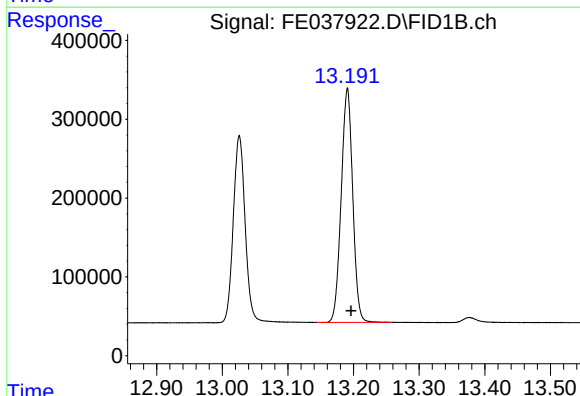
R.T.: 11.605 min
Delta R.T.: -0.007 min
Response: 3818162
Conc: 22.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



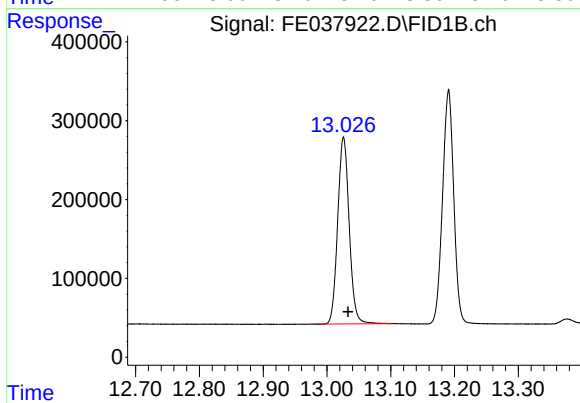
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.007 min
Response: 3630041
Conc: 22.26 ug/ml



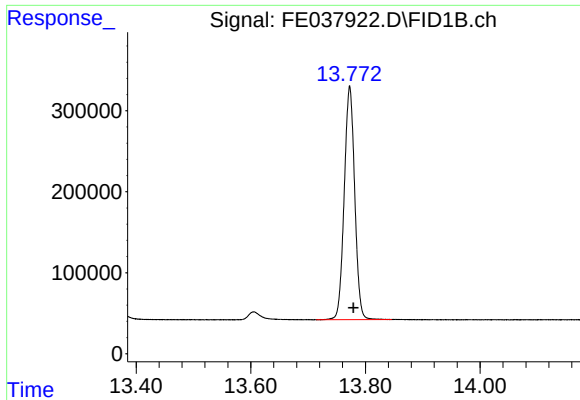
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: -0.005 min
Response: 3625862
Conc: 22.01 ug/ml



#12 1-chlorooctadecane (SURR)

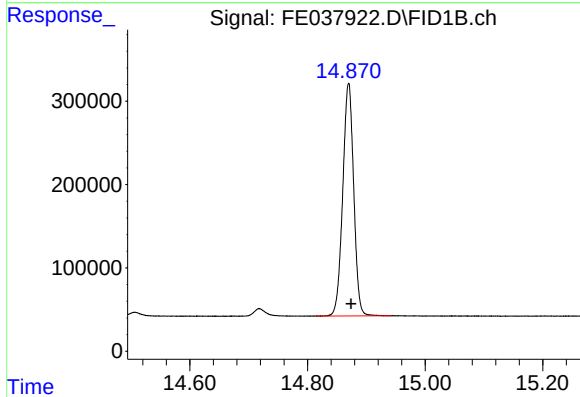
R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 2968052
Conc: 21.96 ug/ml



#13 n-Docosane (C22)

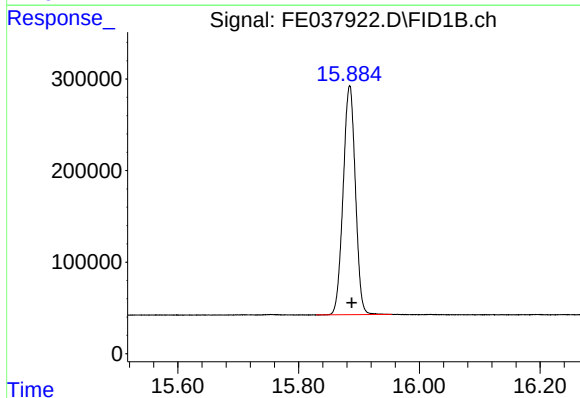
R.T.: 13.773 min
Delta R.T.: -0.007 min
Response: 3657581
Conc: 22.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



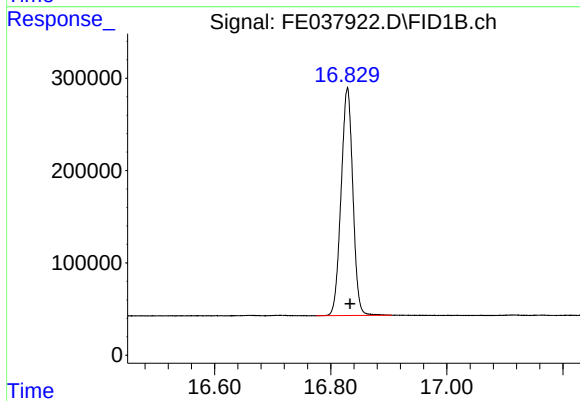
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 3610120
Conc: 22.01 ug/ml



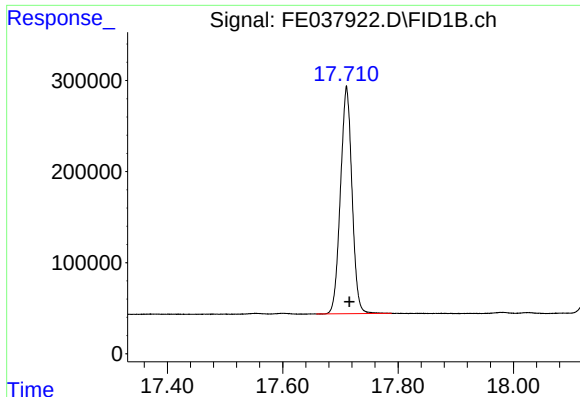
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.003 min
Response: 3522143
Conc: 21.60 ug/ml



#16 n-Octacosane (C28)

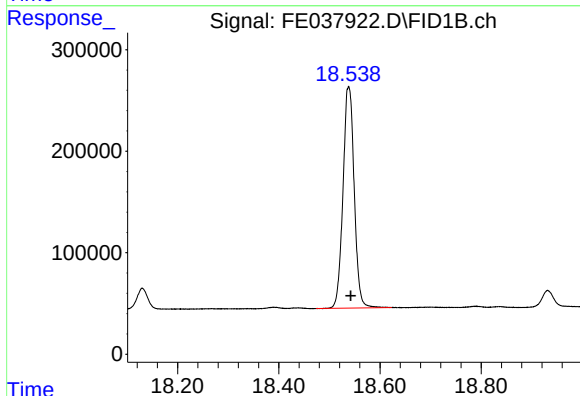
R.T.: 16.829 min
Delta R.T.: -0.005 min
Response: 3463652
Conc: 21.62 ug/ml



#17 n-Tricontane (C30)

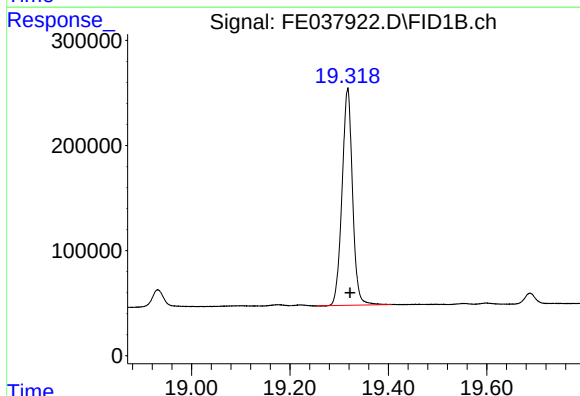
R.T.: 17.711 min
Delta R.T.: -0.005 min
Response: 3462849
Conc: 21.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



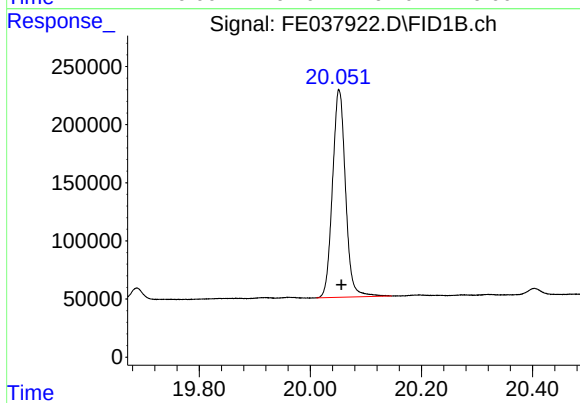
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 3359835
Conc: 21.34 ug/ml



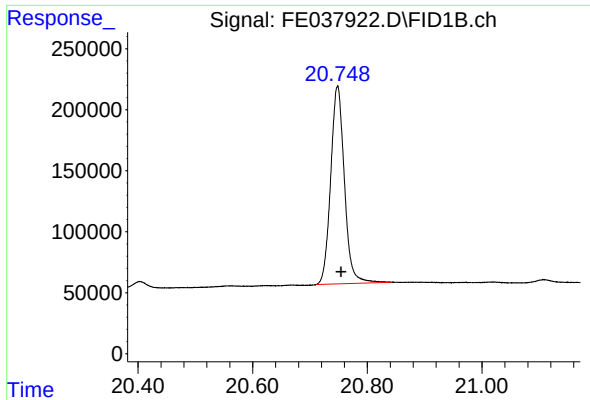
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 3054302
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

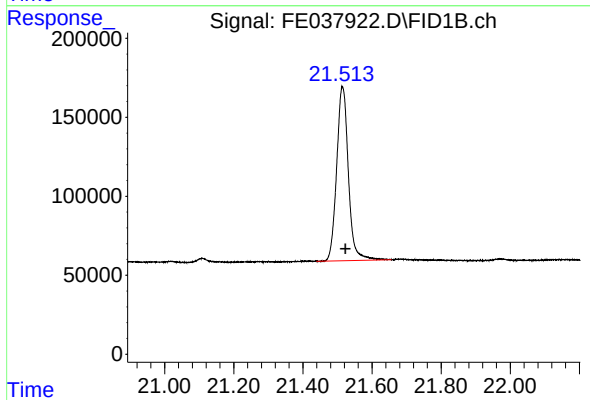
R.T.: 20.052 min
Delta R.T.: -0.004 min
Response: 2905497
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.006 min
Response: 2694904
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.514 min
Delta R.T.: -0.009 min
Response: 2593422
Conc: 20.37 ug/ml