

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051493.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 19:55
 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: sample.E
 Quant Time: Nov 28 03:06:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.832	3134973	20.887 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
12) S 1-chlorooctadecane (S...	13.265	2410168	21.229 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
Target Compounds			
1) T n-Nonane (C9)	3.224	2851746	20.610 ug/ml
2) T n-Decane (C10)	4.471	2931788	20.915 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2886440	21.892 ug/ml
4) T n-Dodecane (C12)	6.638	2942034	20.836 ug/ml
5) T A~2-methylnaphthalene...	7.282	2626100	20.993 ug/ml
6) T n-Tetradecane (C14)	8.464	2890863	20.743 ug/ml
7) T n-Hexadecane (C16)	10.070	2969326	20.924 ug/ml
8) T n-Octadecane (C18)	11.510	2999441	21.004 ug/ml
10) T n-Eicosane (C20)	12.818	2879203	21.038 ug/ml
11) T n-Heneicosane (C21)	13.430	2814479	21.060 ug/ml
13) T n-Docosane (C22)	14.015	2824418	21.244 ug/ml
14) T n-Tetracosane (C24)	15.116	2868963	21.627 ug/ml
15) T n-Hexacosane (C26)	16.136	2858305	21.351 ug/ml
16) T n-Octacosane (C28)	17.084	2971167	21.794 ug/ml
17) T n-Tricontane (C30)	17.971	3254066	22.397 ug/ml
18) T n-Dotriacontane (C32)	18.802	3243538	21.845 ug/ml
19) T n-Tetratriacontane (C34)	19.585	2790484	20.768 ug/ml
20) T n-Hexatriacontane (C36)	20.324	2351326	19.706 ug/ml
21) T n-Octatriacontane (C38)	21.045	2086779	18.335 ug/ml
22) T n-Tetracontane (C40)	21.918	2478050	22.280 ug/ml

(f)=RT Delta > 1/2 Window

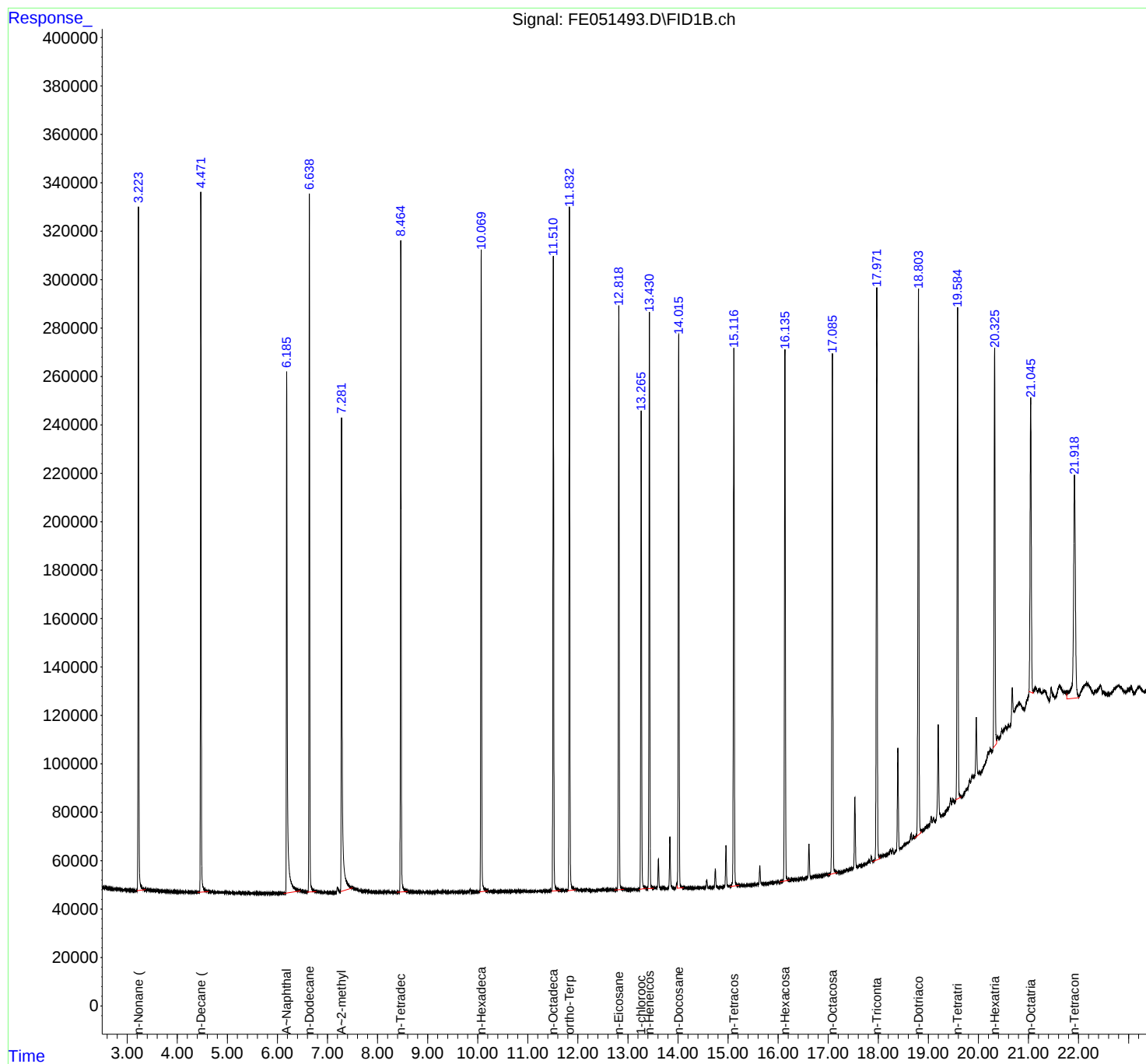
(m)=manual int.

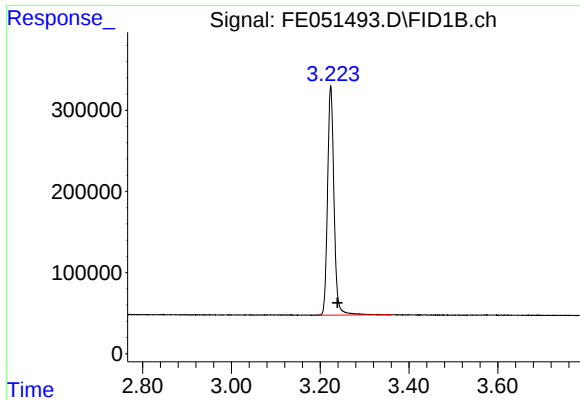
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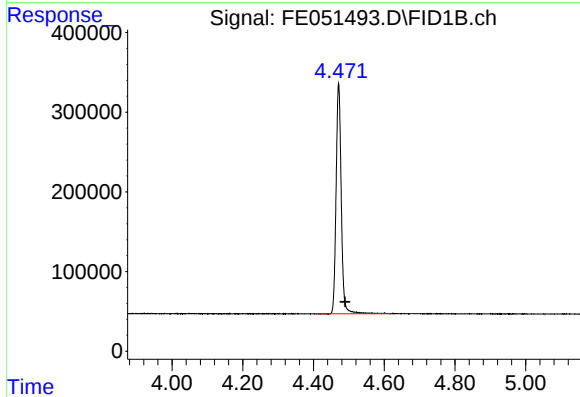




#1 n-Nonane (C9)

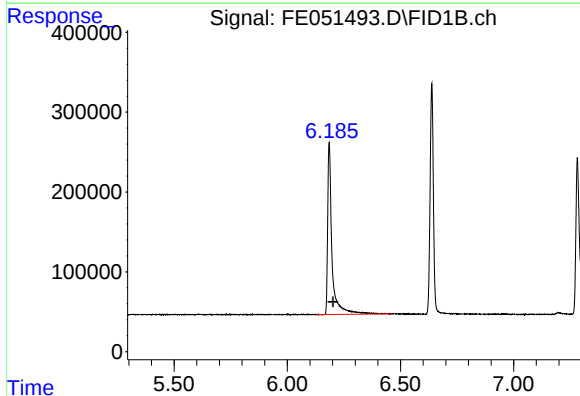
R.T.: 3.224 min
Delta R.T.: -0.015 min
Response: 2851746
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



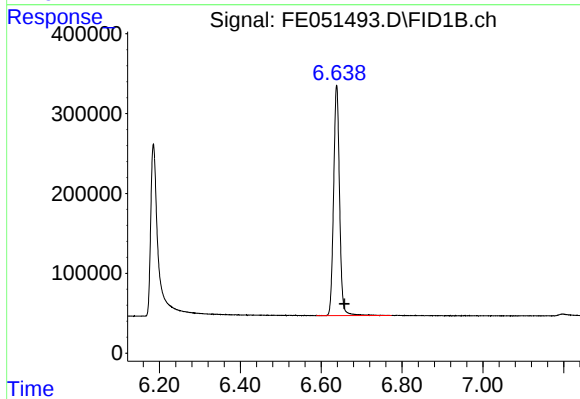
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.018 min
Response: 2931788
Conc: 20.91 ug/ml



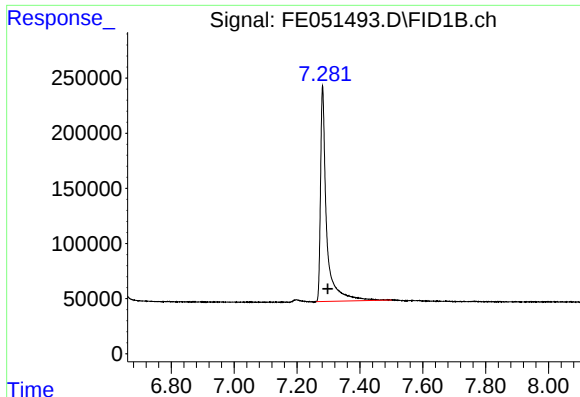
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.017 min
Response: 2886440
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

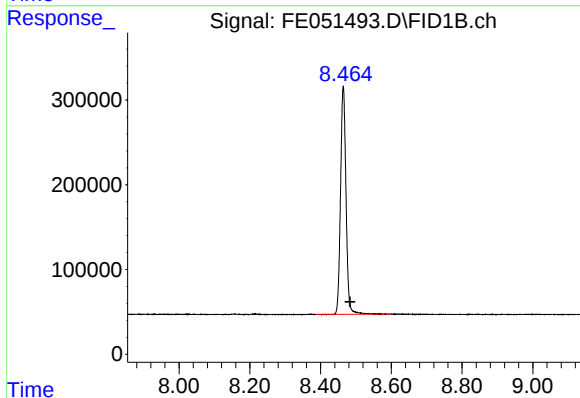
R.T.: 6.638 min
Delta R.T.: -0.019 min
Response: 2942034
Conc: 20.84 ug/ml



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

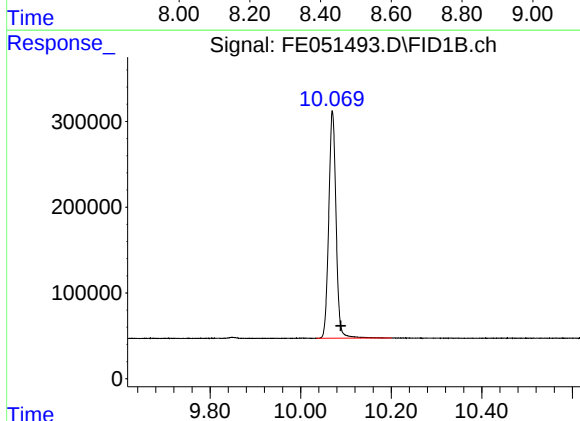
R.T.: 7.282 min
Delta R.T.: -0.016 min
Response: 2626100
Conc: 20.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



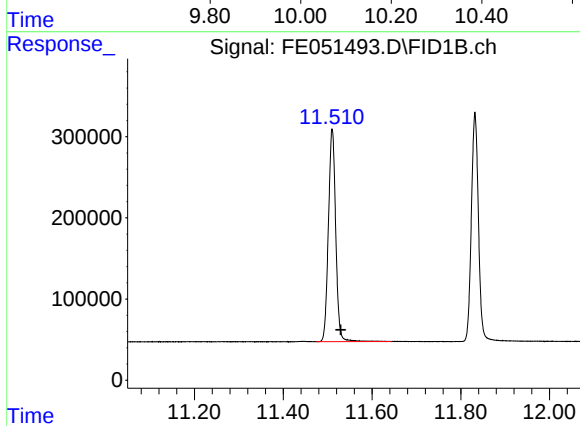
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.019 min
Response: 2890863
Conc: 20.74 ug/ml



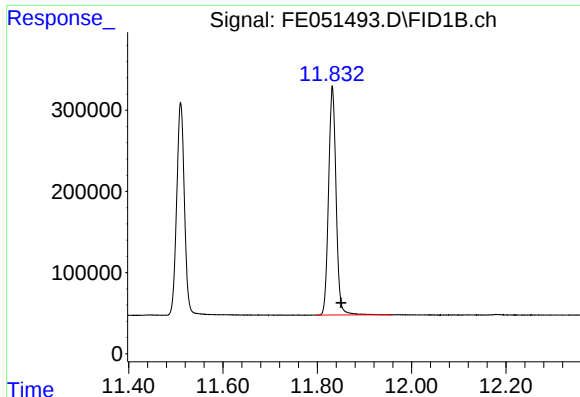
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.018 min
Response: 2969326
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

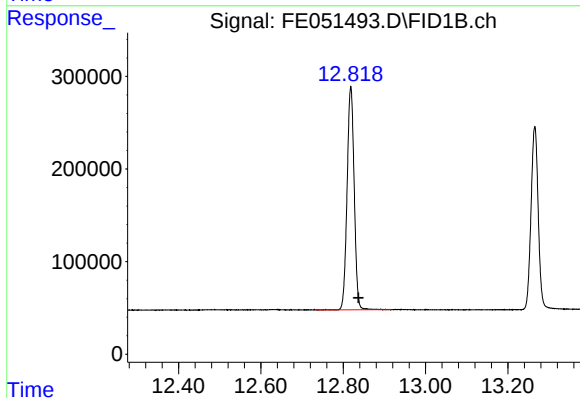
R.T.: 11.510 min
Delta R.T.: -0.019 min
Response: 2999441
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

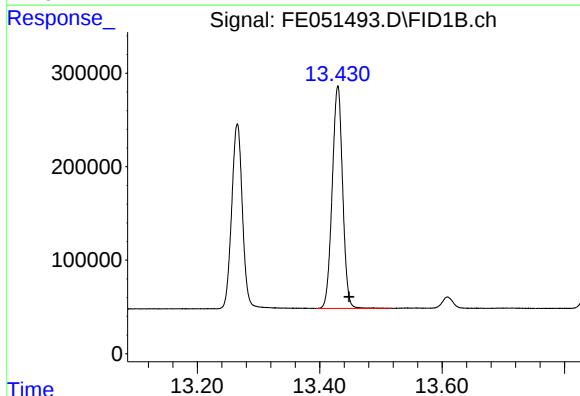
R.T.: 11.832 min
Delta R.T.: -0.018 min
Response: 3134973
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



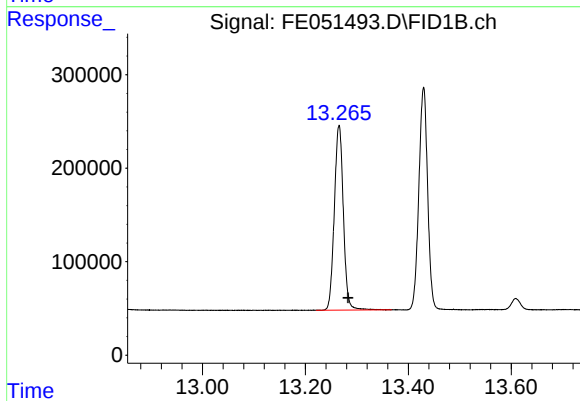
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: -0.019 min
Response: 2879203
Conc: 21.04 ug/ml



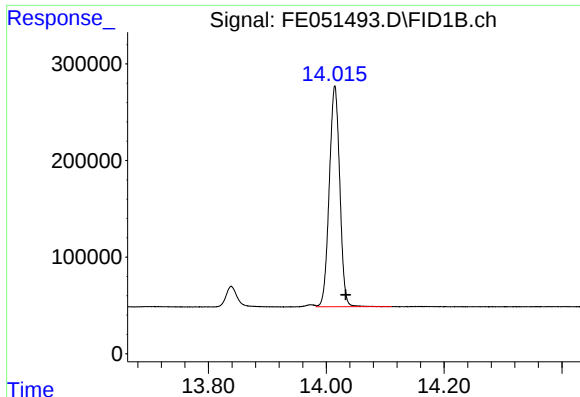
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.018 min
Response: 2814479
Conc: 21.06 ug/ml



#12 1-chlorooctadecane (SURR)

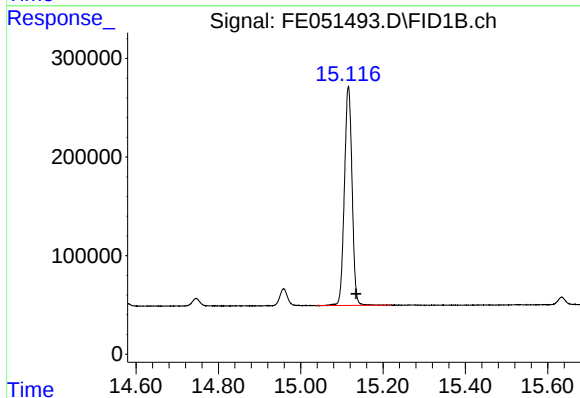
R.T.: 13.265 min
Delta R.T.: -0.018 min
Response: 2410168
Conc: 21.23 ug/ml



#13 n-Docosane (C22)

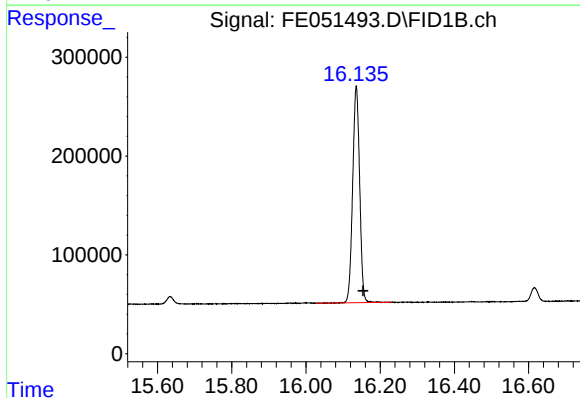
R.T.: 14.015 min
Delta R.T.: -0.019 min
Response: 2824418
Conc: 21.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



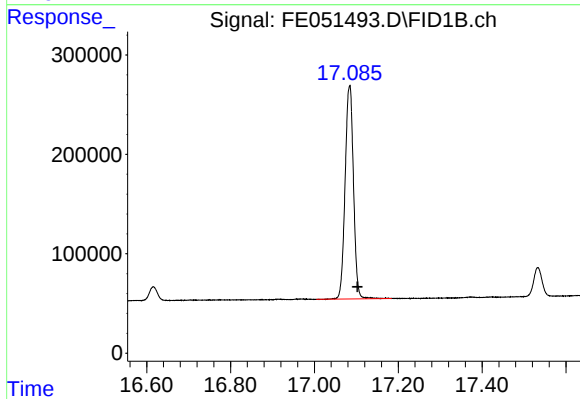
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.018 min
Response: 2868963
Conc: 21.63 ug/ml



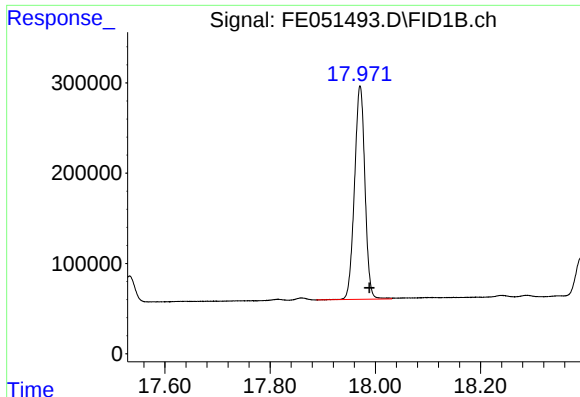
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.018 min
Response: 2858305
Conc: 21.35 ug/ml



#16 n-Octacosane (C28)

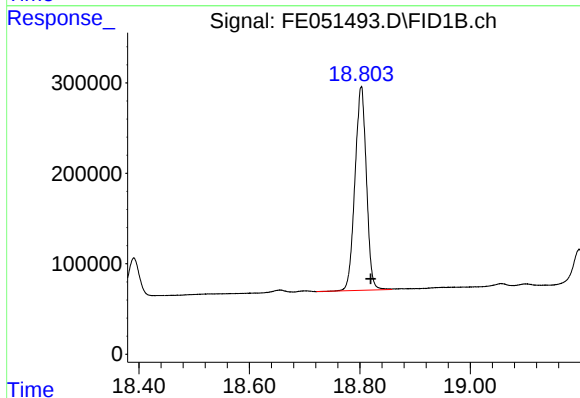
R.T.: 17.084 min
Delta R.T.: -0.018 min
Response: 2971167
Conc: 21.79 ug/ml



#17 n-Tricontane (C30)

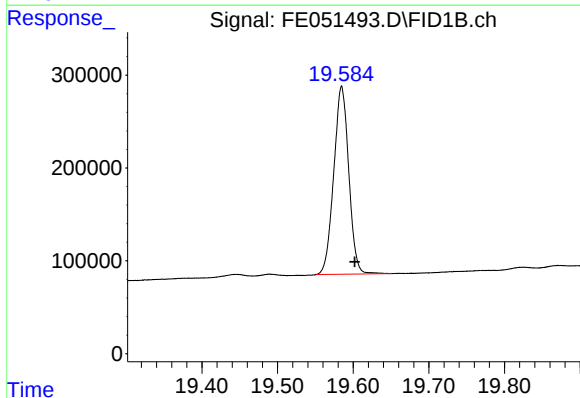
R.T.: 17.971 min
Delta R.T.: -0.018 min
Response: 3254066
Conc: 22.40 ug/ml

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20 PPM ALIPHATIC HC STD



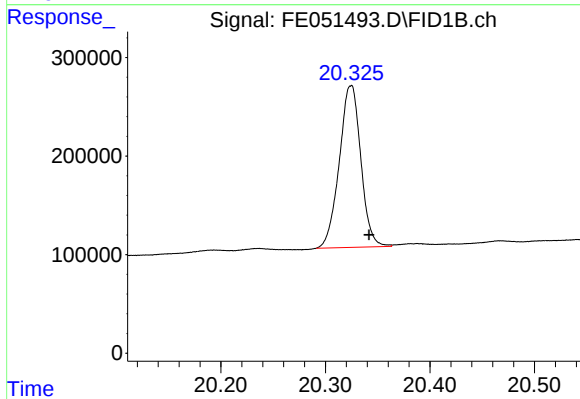
#18 n-Dotriacontane (C32)

R.T.: 18.802 min
Delta R.T.: -0.018 min
Response: 3243538
Conc: 21.84 ug/ml



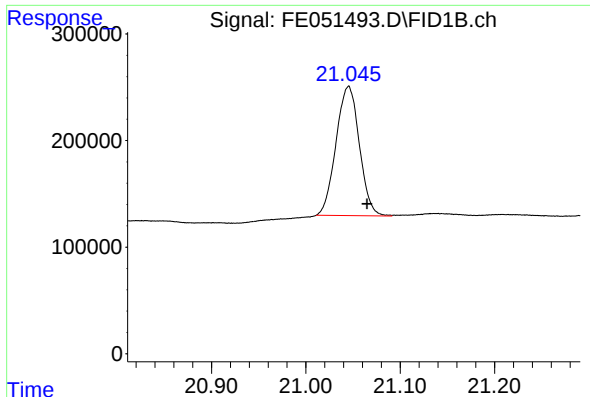
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min
Delta R.T.: -0.018 min
Response: 2790484
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

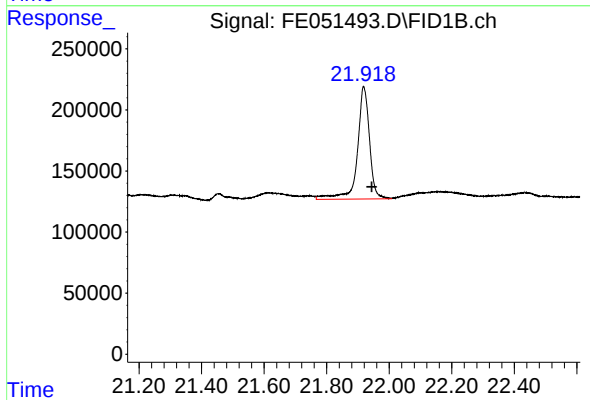
R.T.: 20.324 min
Delta R.T.: -0.017 min
Response: 2351326
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.045 min
Delta R.T.: -0.020 min
Response: 2086779
Conc: 18.33 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: -0.026 min
Response: 2478050
Conc: 22.28 ug/ml