

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071023AL\
 Data File : FE043128.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2023 09:42
 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: Jul 11 02:30:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.903	3945036	21.475 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
12) S 1-chlorooctadecane (S...	13.340	2852663	20.961 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	3.282	3393155	21.966 ug/ml
2) T n-Decane (C10)	4.534	3467892	21.954 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3655106	21.587 ug/ml
4) T n-Dodecane (C12)	6.704	3503215	21.886 ug/ml
5) T A~2-methylnaphthalene...	7.340	3477655	21.449 ug/ml
6) T n-Tetradecane (C14)	8.533	3474616	21.832 ug/ml
7) T n-Hexadecane (C16)	10.141	3566174	21.653 ug/ml
8) T n-Octadecane (C18)	11.585	3588473	21.589 ug/ml
10) T n-Eicosane (C20)	12.894	3411392	21.498 ug/ml
11) T n-Heneicosane (C21)	13.506	3328054	21.511 ug/ml
13) T n-Docosane (C22)	14.092	3275086	21.500 ug/ml
14) T n-Tetracosane (C24)	15.195	3190240	21.501 ug/ml
15) T n-Hexacosane (C26)	16.216	3074897	21.509 ug/ml
16) T n-Octacosane (C28)	17.165	2978760	21.477 ug/ml
17) T n-Tricontane (C30)	18.053	3023133	21.376 ug/ml
18) T n-Dotriacontane (C32)	18.885	2996877	21.367 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2935521	21.451 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2847536	21.292 ug/ml
21) T n-Octatriacontane (C38)	21.149	2732243	20.040 ug/ml
22) T n-Tetracontane (C40)	22.060	3259593	23.429 ug/ml

(f)=RT Delta > 1/2 Window

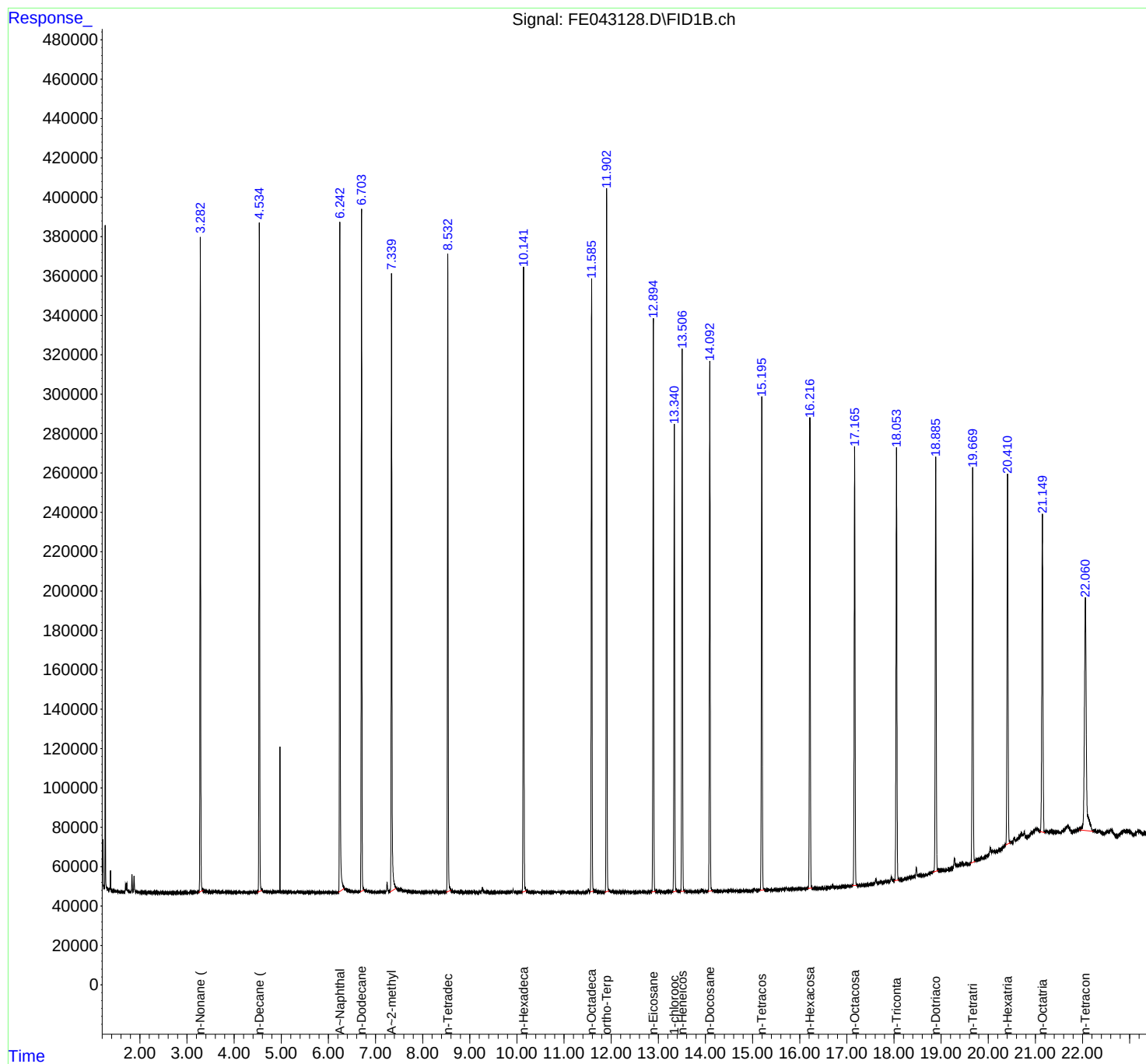
(m)=manual int.

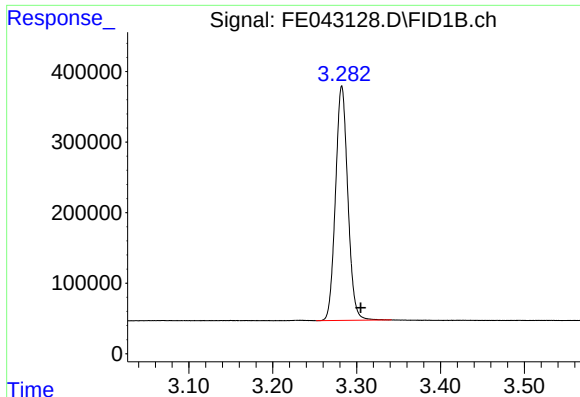
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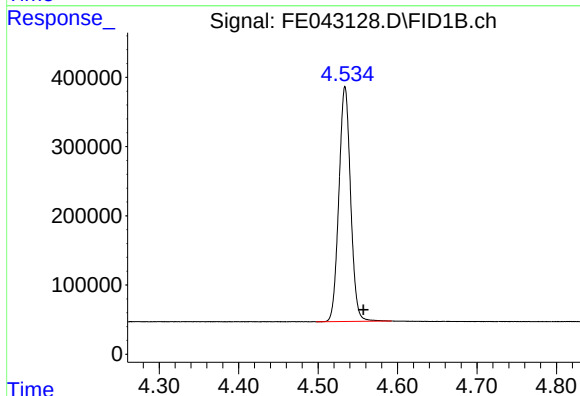




#1 n-Nonane (C9)

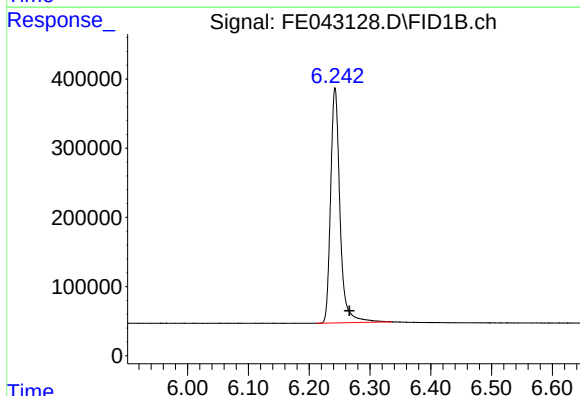
R.T.: 3.282 min
Delta R.T.: -0.023 min
Response: 3393155
Conc: 21.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



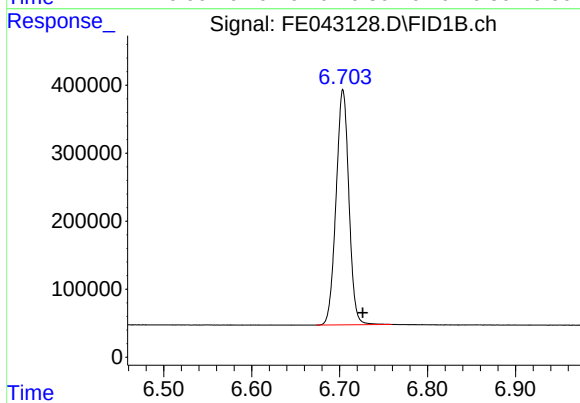
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.023 min
Response: 3467892
Conc: 21.95 ug/ml



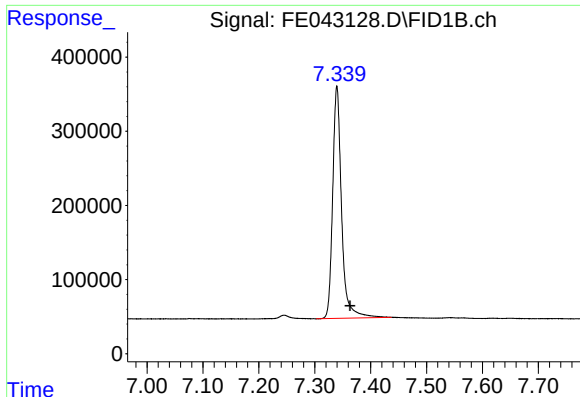
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.024 min
Response: 3655106
Conc: 21.59 ug/ml



#4 n-Dodecane (C12)

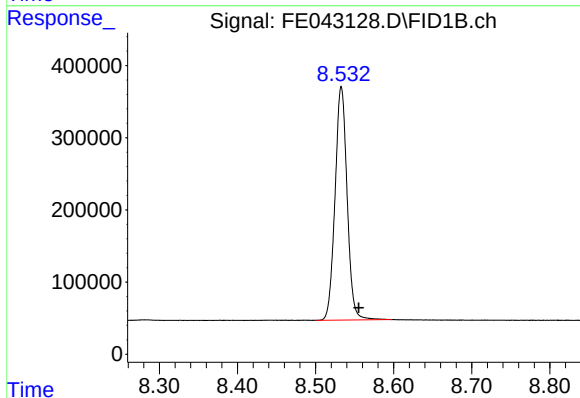
R.T.: 6.704 min
Delta R.T.: -0.022 min
Response: 3503215
Conc: 21.89 ug/ml



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

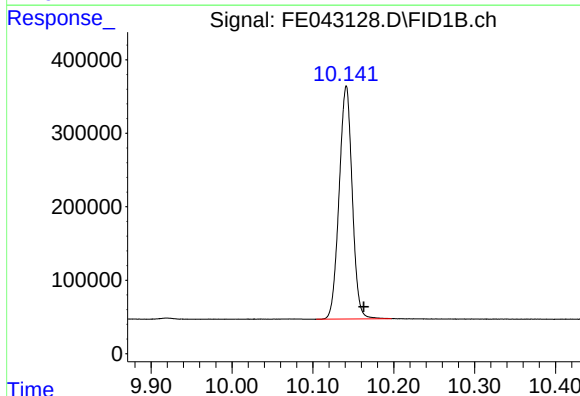
R.T.: 7.340 min
Delta R.T.: -0.024 min
Response: 3477655
Conc: 21.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



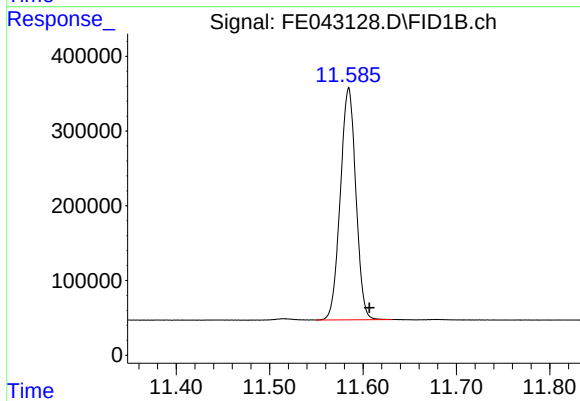
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.023 min
Response: 3474616
Conc: 21.83 ug/ml



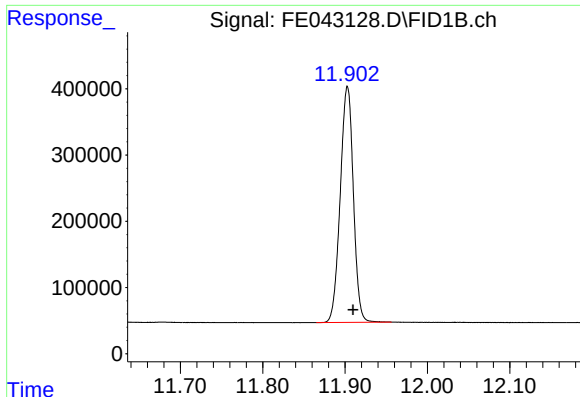
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.022 min
Response: 3566174
Conc: 21.65 ug/ml



#8 n-Octadecane (C18)

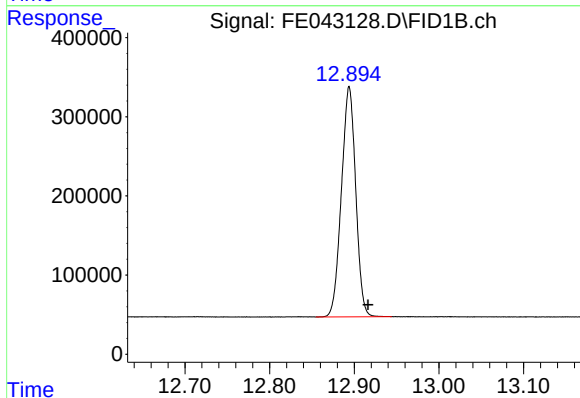
R.T.: 11.585 min
Delta R.T.: -0.022 min
Response: 3588473
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

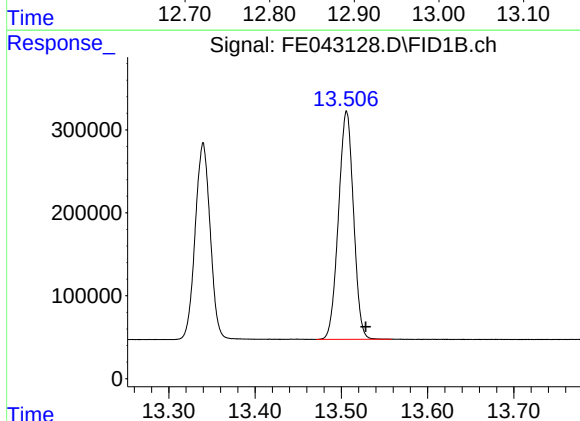
R.T.: 11.903 min
Delta R.T.: -0.007 min
Response: 3945036
Conc: 21.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



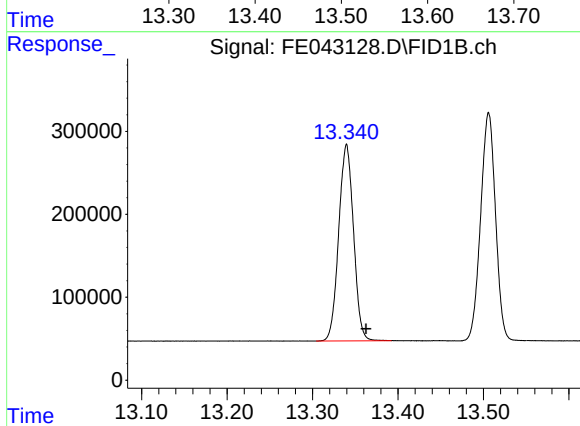
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.022 min
Response: 3411392
Conc: 21.50 ug/ml



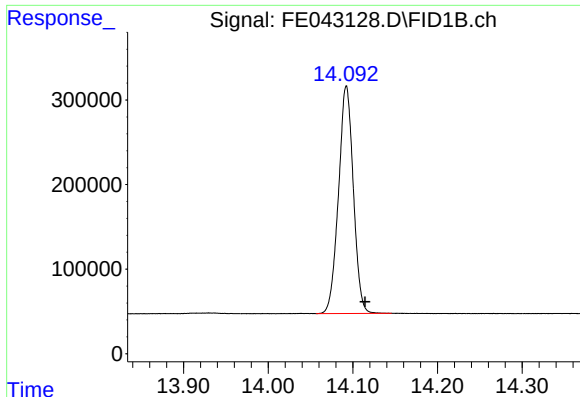
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.022 min
Response: 3328054
Conc: 21.51 ug/ml



#12 1-chlorooctadecane (SURR)

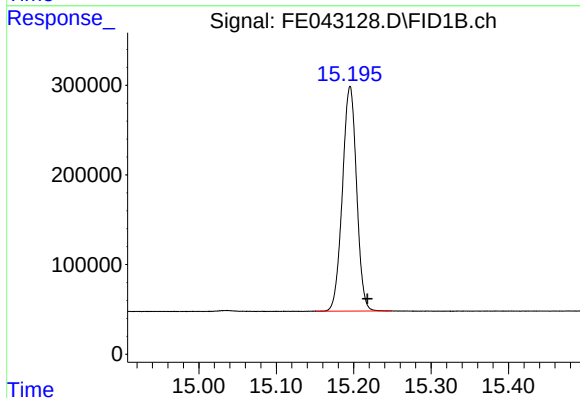
R.T.: 13.340 min
Delta R.T.: -0.023 min
Response: 2852663
Conc: 20.96 ug/ml



#13 n-Docosane (C22)

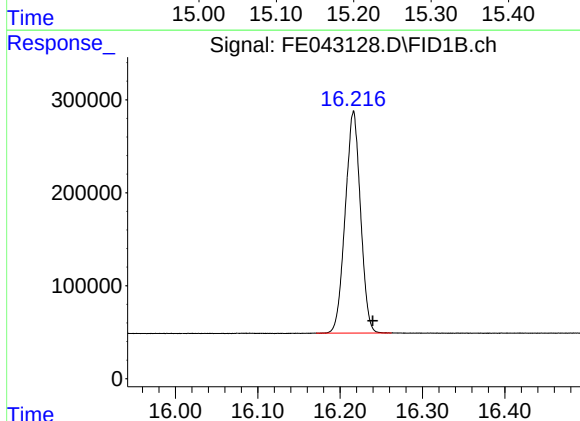
R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 3275086
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



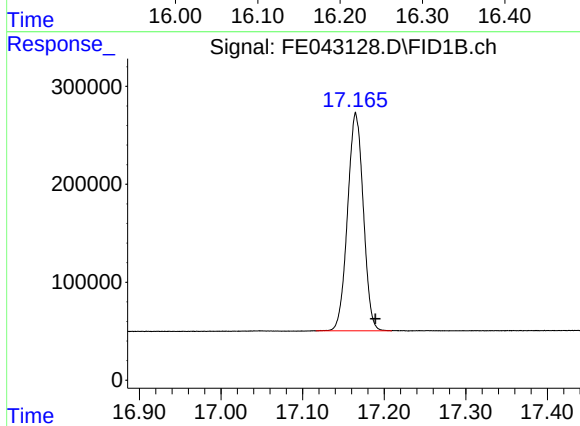
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.022 min
Response: 3190240
Conc: 21.50 ug/ml



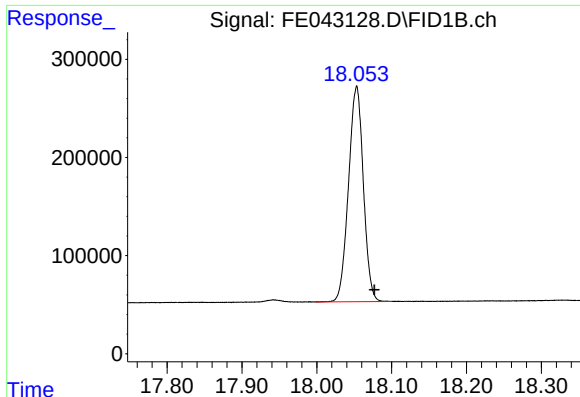
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.023 min
Response: 3074897
Conc: 21.51 ug/ml



#16 n-Octacosane (C28)

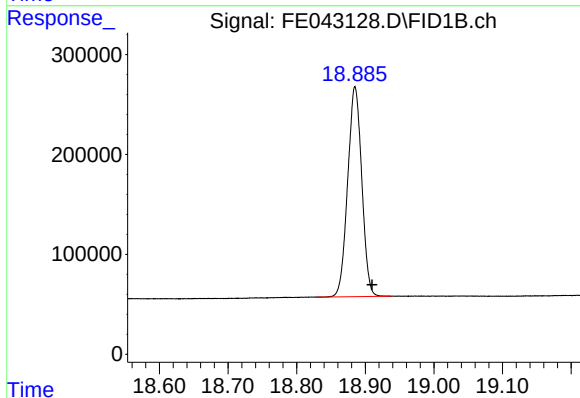
R.T.: 17.165 min
Delta R.T.: -0.024 min
Response: 2978760
Conc: 21.48 ug/ml



#17 n-Tricontane (C30)

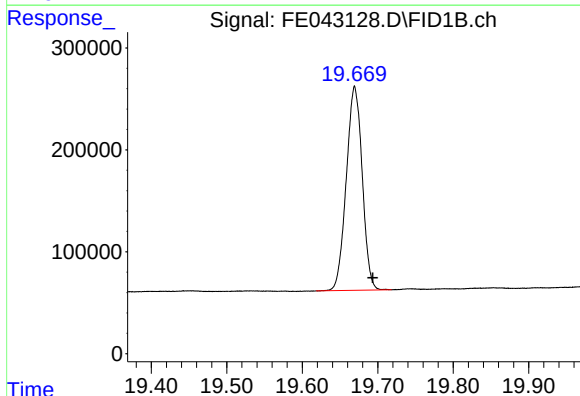
R.T.: 18.053 min
Delta R.T.: -0.024 min
Response: 3023133
Conc: 21.38 ug/ml

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20 PPM ALIPHATIC HC STD



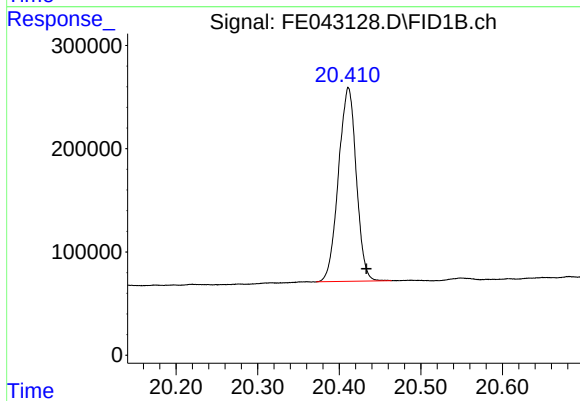
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.025 min
Response: 2996877
Conc: 21.37 ug/ml



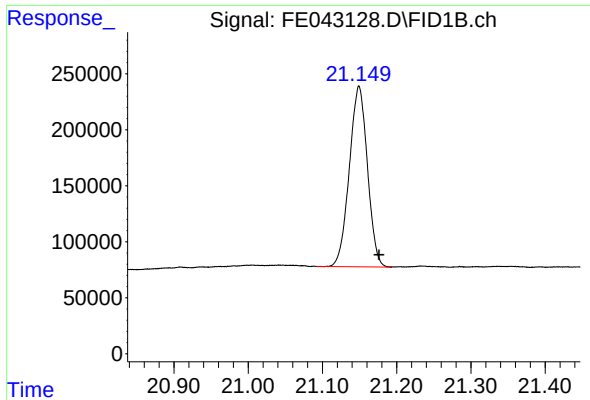
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.024 min
Response: 2935521
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

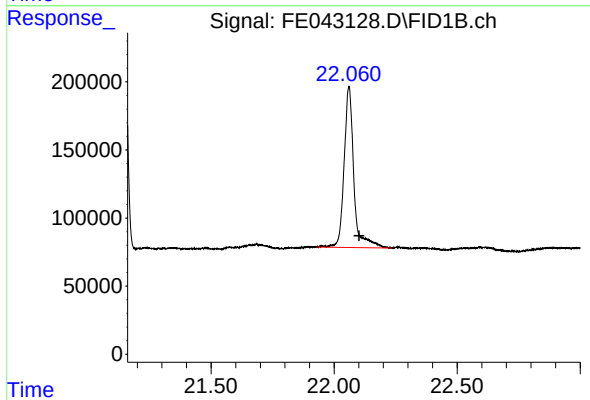
R.T.: 20.411 min
Delta R.T.: -0.022 min
Response: 2847536
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.027 min
Response: 2732243
Conc: 20.04 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.041 min
Response: 3259593
Conc: 23.43 ug/ml