

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053210.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 13:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 08 01:20:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.896	3282911	20.155 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	13.341	2337976	19.476 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T n-Nonane (C9)	3.238	3046717	19.677 ug/ml
2) T n-Decane (C10)	4.500	3172383	20.225 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3360568	20.005 ug/ml
4) T n-Dodecane (C12)	6.681	3160671	20.209 ug/ml
5) T A~2-methylnaphthalene...	7.316	3203971	20.080 ug/ml
6) T n-Tetradecane (C14)	8.518	3092216	20.195 ug/ml
7) T n-Hexadecane (C16)	10.132	3150939	20.441 ug/ml
8) T n-Octadecane (C18)	11.581	3107934	20.492 ug/ml
10) T n-Eicosane (C20)	12.895	2927780	20.535 ug/ml
11) T n-Heneicosane (C21)	13.509	2843023	20.487 ug/ml
13) T n-Docosane (C22)	14.098	2832344	20.681 ug/ml
14) T n-Tetracosane (C24)	15.204	2819087	20.873 ug/ml
15) T n-Hexacosane (C26)	16.227	2779915	20.838 ug/ml
16) T n-Octacosane (C28)	17.180	2819844	21.368 ug/ml
17) T n-Tricontane (C30)	18.071	3012940	22.229 ug/ml
18) T n-Dotriacontane (C32)	18.907	2998352	22.282 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2618196	20.234 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2271340	19.121 ug/ml
21) T n-Octatriacontane (C38)	21.175	2217562	19.294 ug/ml
22) T n-Tetracontane (C40)	22.093	2118255	18.860 ug/ml

(f)=RT Delta > 1/2 Window

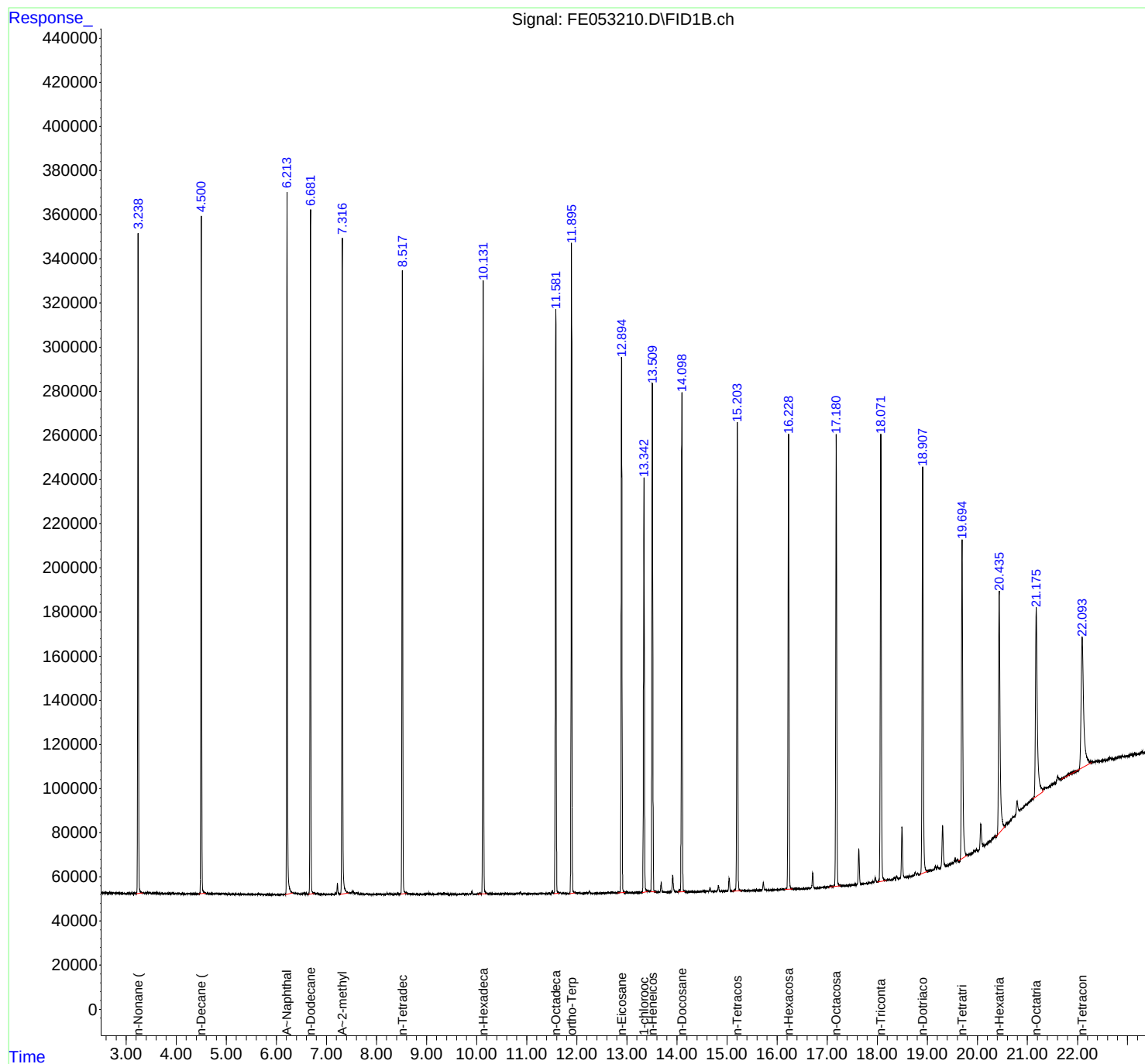
(m)=manual int.

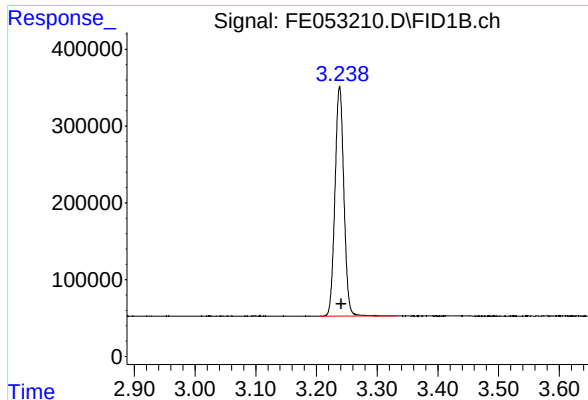
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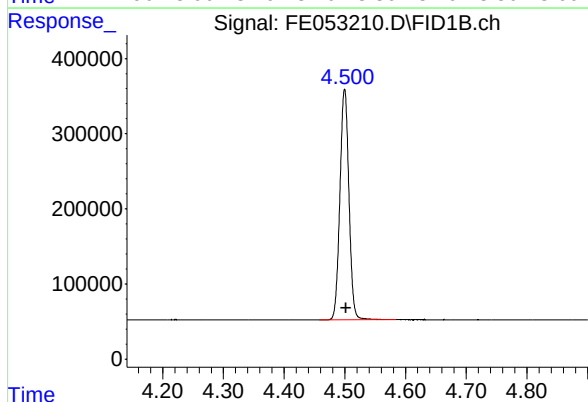




#1 n-Nonane (C9)

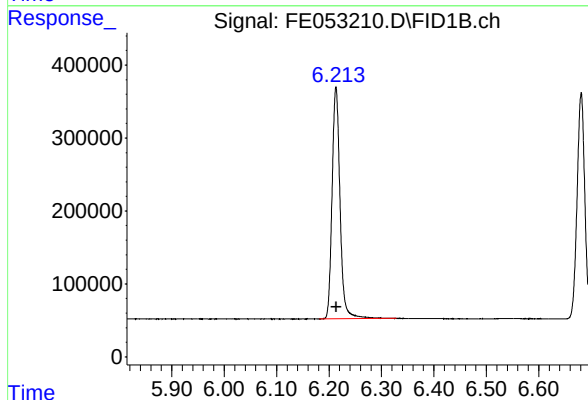
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 3046717
Conc: 19.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



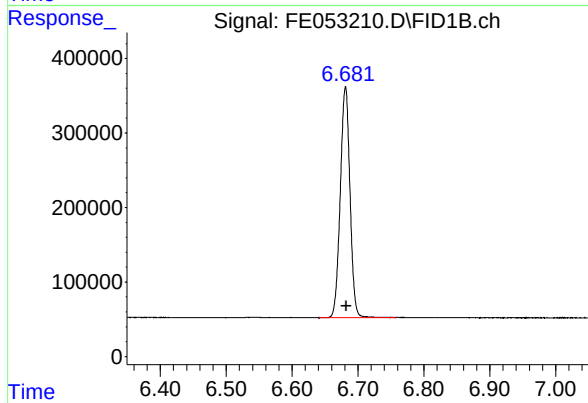
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 3172383
Conc: 20.22 ug/ml



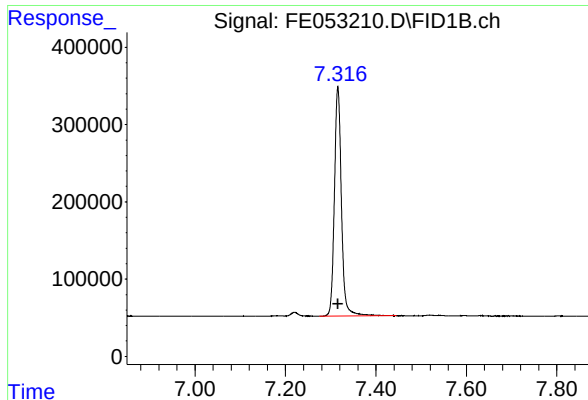
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 3360568
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

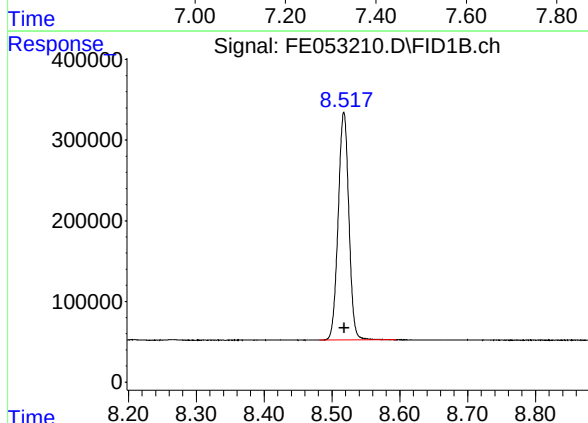
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 3160671
Conc: 20.21 ug/ml



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

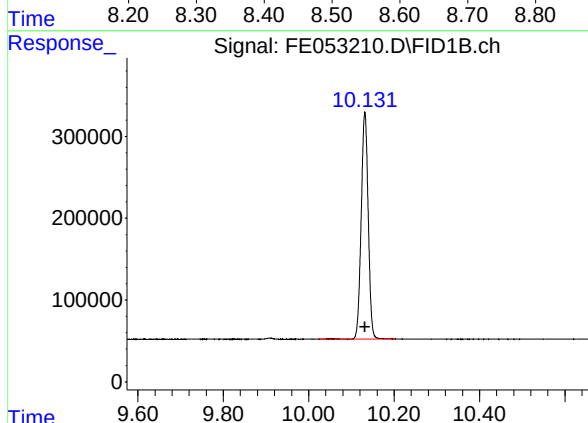
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 3203971
Conc: 20.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



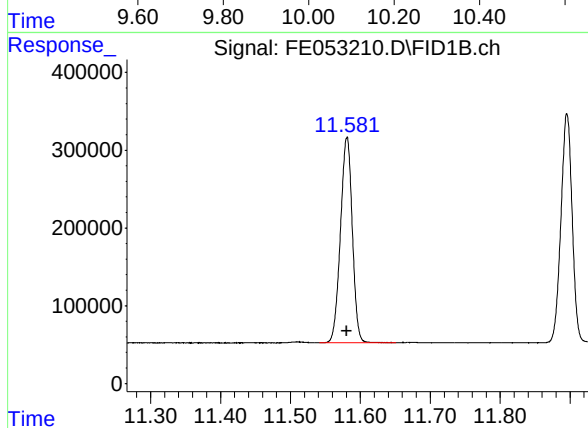
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3092216
Conc: 20.20 ug/ml



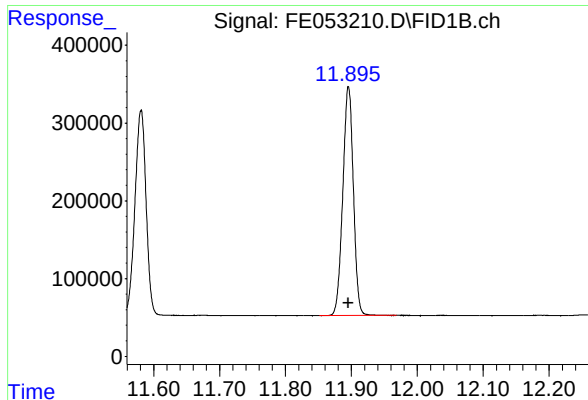
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 3150939
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

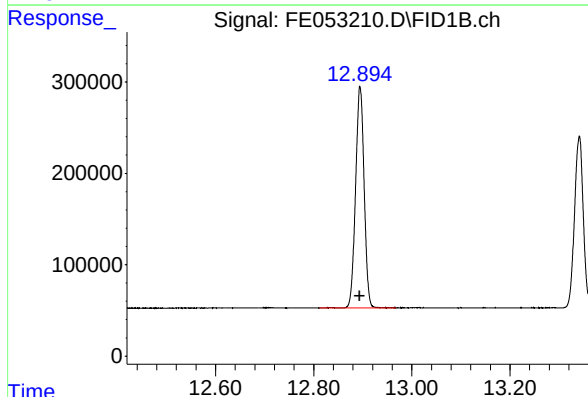
R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 3107934
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

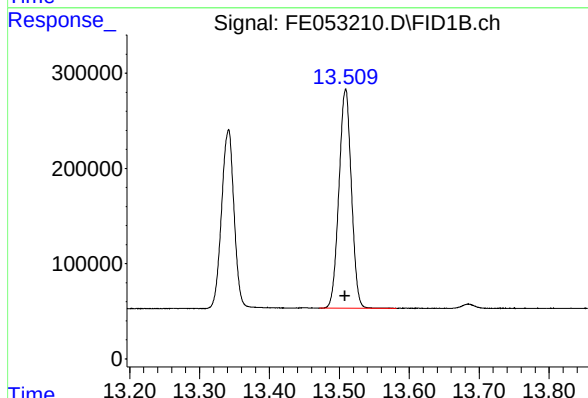
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3282911
Conc: 20.16 ug/ml

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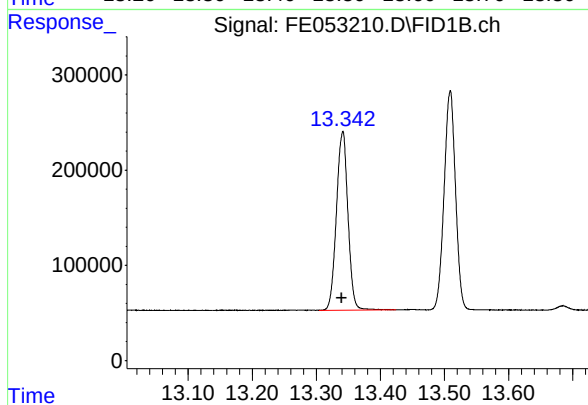
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2927780
Conc: 20.53 ug/ml



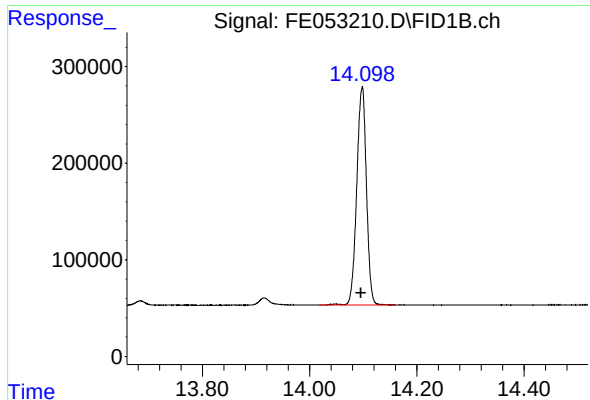
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 2843023
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

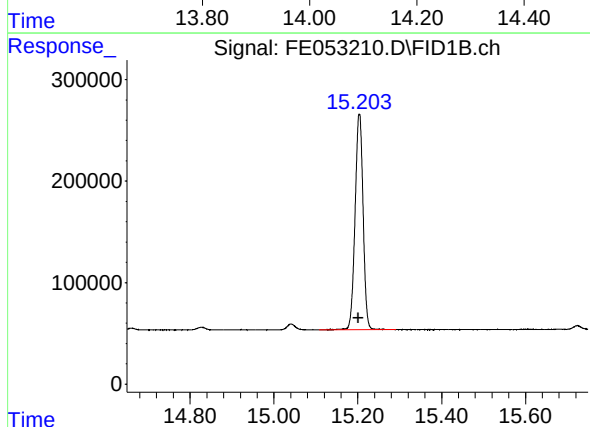
R.T.: 13.341 min
Delta R.T.: 0.001 min
Response: 2337976
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

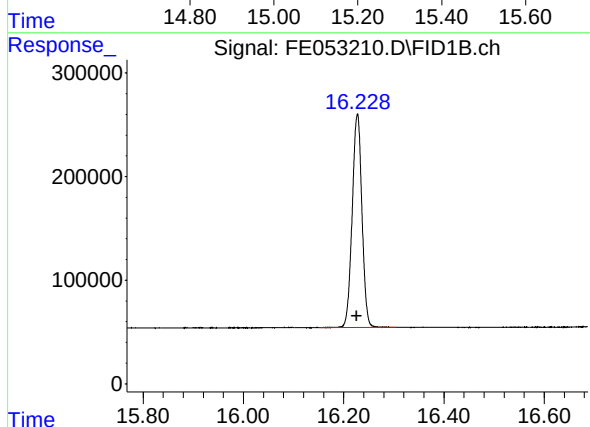
R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 2832344
Conc: 20.68 ug/ml

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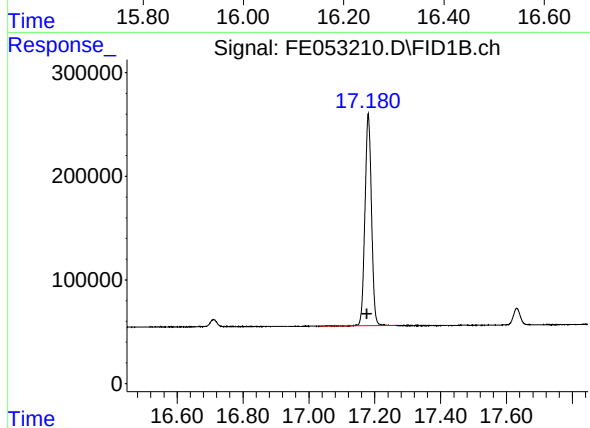
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.002 min
Response: 2819087
Conc: 20.87 ug/ml



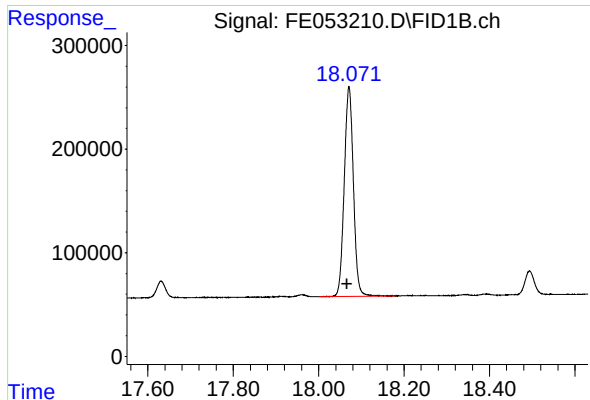
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.002 min
Response: 2779915
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

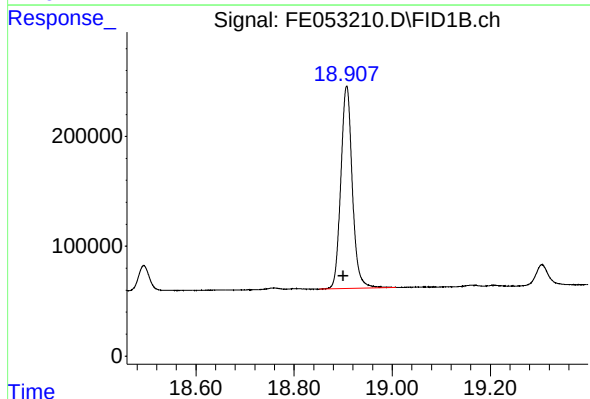
R.T.: 17.180 min
Delta R.T.: 0.004 min
Response: 2819844
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

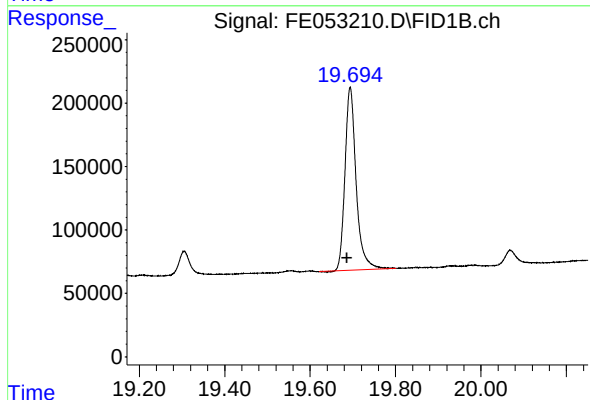
R.T.: 18.071 min
Delta R.T.: 0.005 min
Response: 3012940
Conc: 22.23 ug/ml

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20 PPM ALIPHATIC HC STD



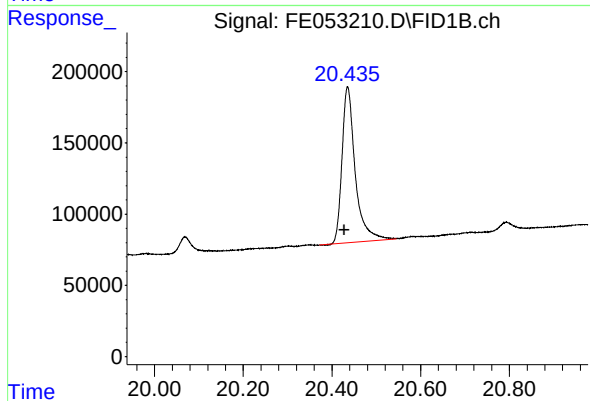
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.007 min
Response: 2998352
Conc: 22.28 ug/ml



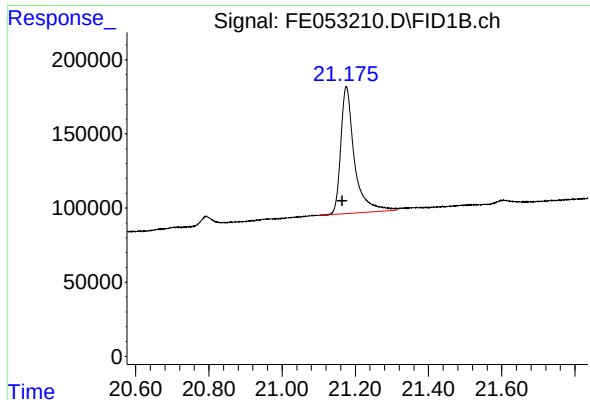
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.008 min
Response: 2618196
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

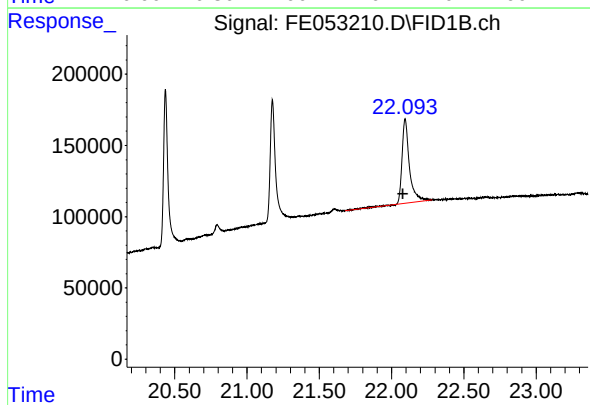
R.T.: 20.435 min
Delta R.T.: 0.008 min
Response: 2271340
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: 0.010 min
Response: 2217562
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: 0.015 min
Response: 2118255
Conc: 18.86 ug/ml