

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053070.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 14:00
 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 01 01:38:34 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)	11.898	3513034	21.568 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
12) S 1-chlorooctadecane (S...	13.344	2504304	20.861 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
Target Compounds			
1) T n-Nonane (C9)	3.241	3315320	21.411 ug/ml
2) T n-Decane (C10)	4.502	3398215	21.664 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3642123	21.681 ug/ml
4) T n-Dodecane (C12)	6.683	3388112	21.663 ug/ml
5) T A~2-methylnaphthalene...	7.318	3471905	21.759 ug/ml
6) T n-Tetradecane (C14)	8.520	3324439	21.712 ug/ml
7) T n-Hexadecane (C16)	10.134	3381343	21.936 ug/ml
8) T n-Octadecane (C18)	11.583	3341293	22.031 ug/ml
10) T n-Eicosane (C20)	12.897	3135844	21.994 ug/ml
11) T n-Heneicosane (C21)	13.511	3047610	21.962 ug/ml
13) T n-Docosane (C22)	14.100	3019214	22.045 ug/ml
14) T n-Tetracosane (C24)	15.206	2975665	22.032 ug/ml
15) T n-Hexacosane (C26)	16.230	2927186	21.942 ug/ml
16) T n-Octacosane (C28)	17.183	2908168	22.037 ug/ml
17) T n-Tricontane (C30)	18.074	3043481	22.454 ug/ml
18) T n-Dotriacontane (C32)	18.910	3035207	22.556 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2663630	20.585 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2325604	19.577 ug/ml
21) T n-Octatriacontane (C38)	21.181	2149563	18.702 ug/ml
22) T n-Tetracontane (C40)	22.099	2138577	19.041 ug/ml

(f)=RT Delta > 1/2 Window

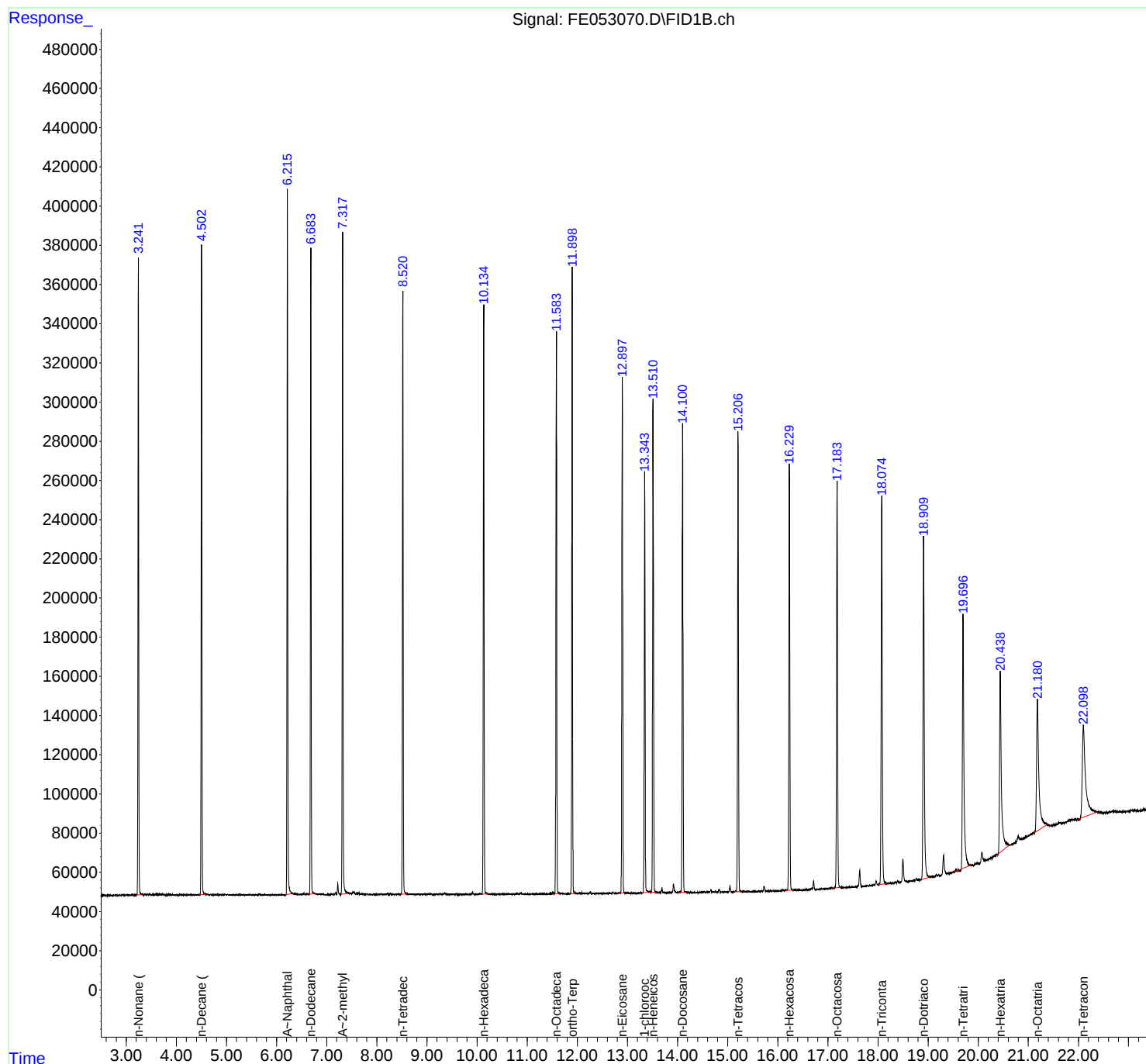
(m)=manual int.

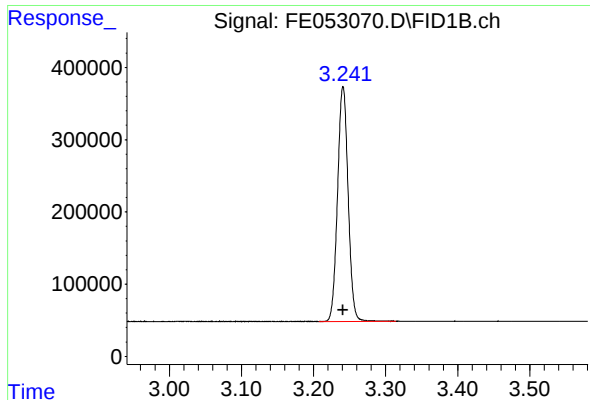
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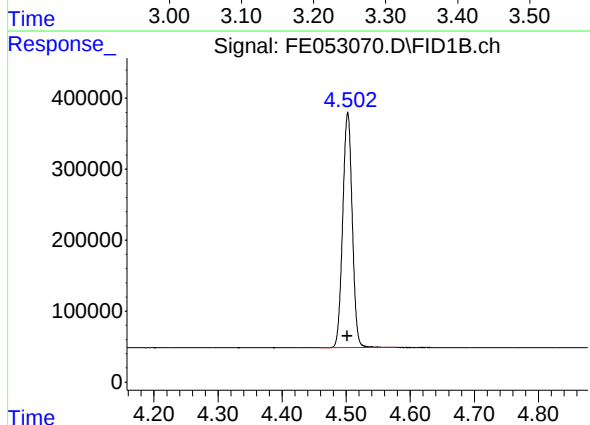




#1 n-Nonane (C9)

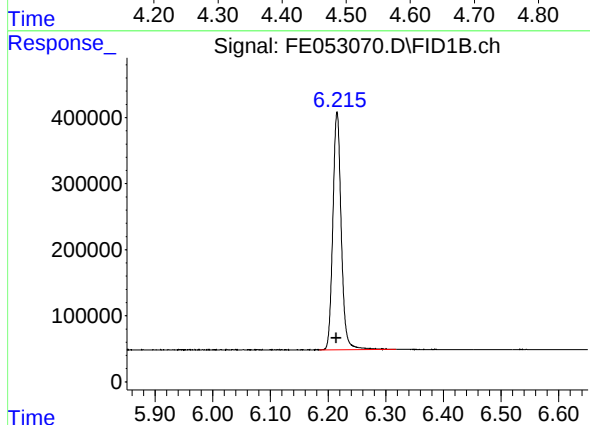
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3315320
Conc: 21.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



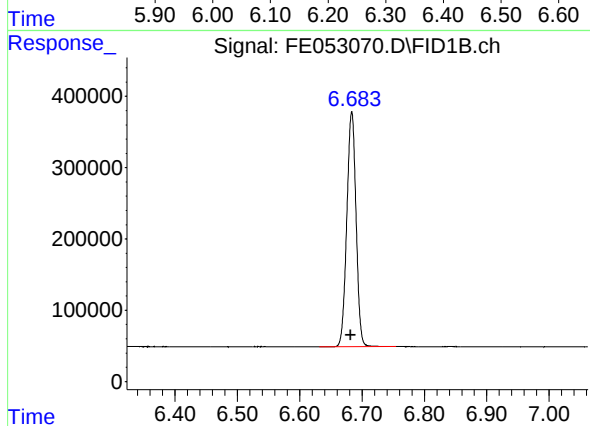
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3398215
Conc: 21.66 ug/ml



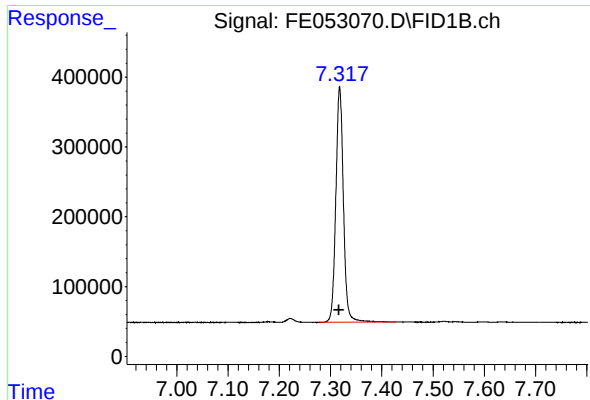
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.001 min
Response: 3642123
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

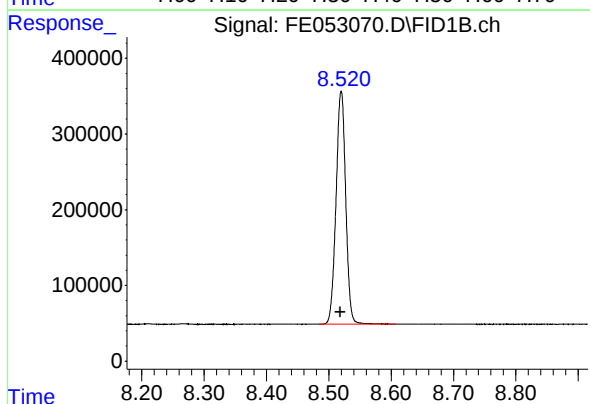
R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 3388112
Conc: 21.66 ug/ml



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

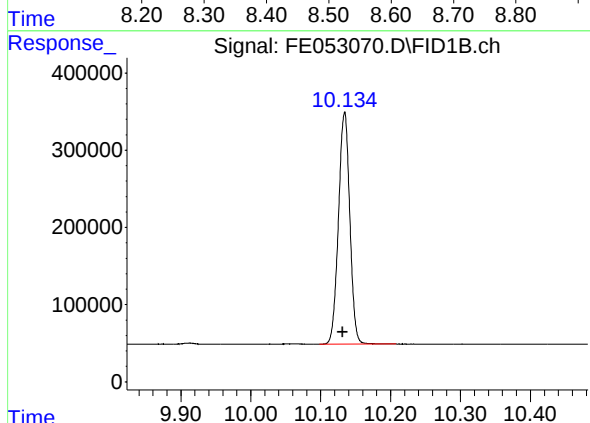
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 3471905
Conc: 21.76 ug/ml

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20 PPM ALIPHATIC HC STD



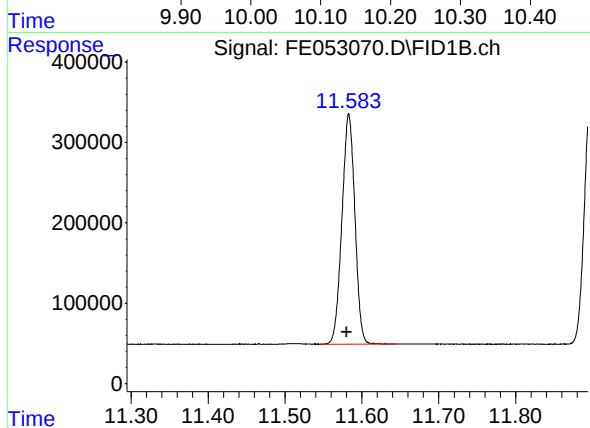
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 3324439
Conc: 21.71 ug/ml



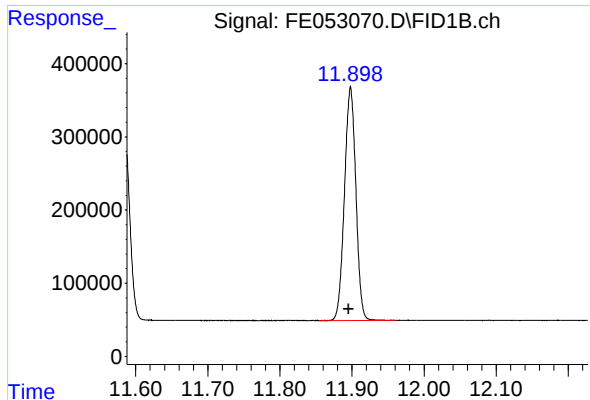
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 3381343
Conc: 21.94 ug/ml



#8 n-Octadecane (C18)

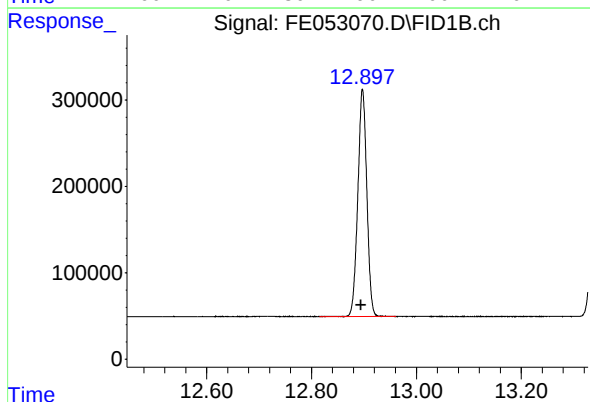
R.T.: 11.583 min
Delta R.T.: 0.003 min
Response: 3341293
Conc: 22.03 ug/ml



#9 ortho-Terphenyl (SURR)

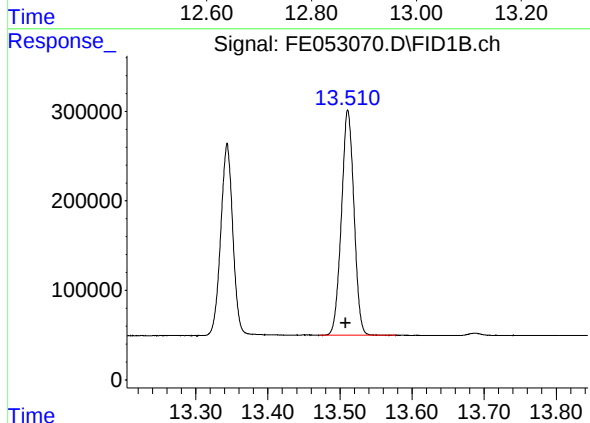
R.T.: 11.898 min
Delta R.T.: 0.003 min
Response: 3513034
Conc: 21.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



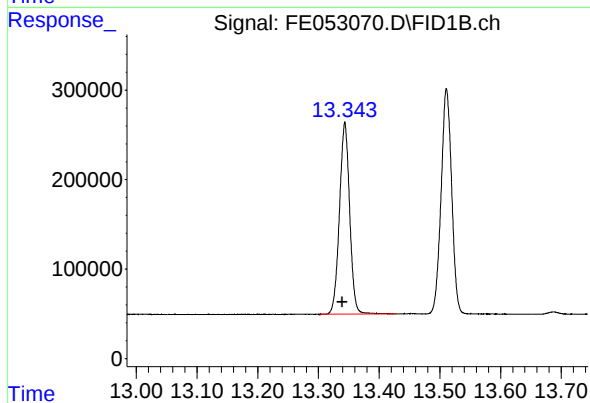
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: 0.003 min
Response: 3135844
Conc: 21.99 ug/ml



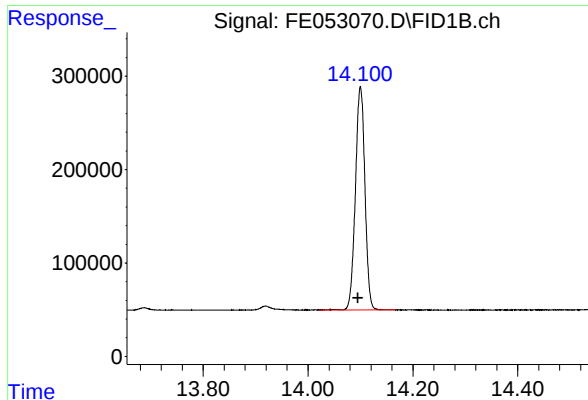
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: 0.003 min
Response: 3047610
Conc: 21.96 ug/ml



#12 1-chlorooctadecane (SURR)

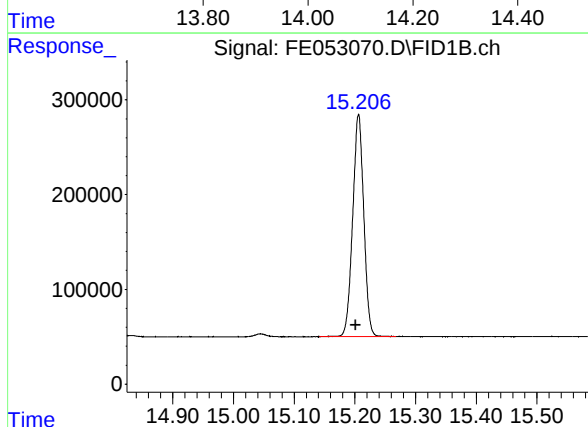
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 2504304
Conc: 20.86 ug/ml



#13 n-Docosane (C22)

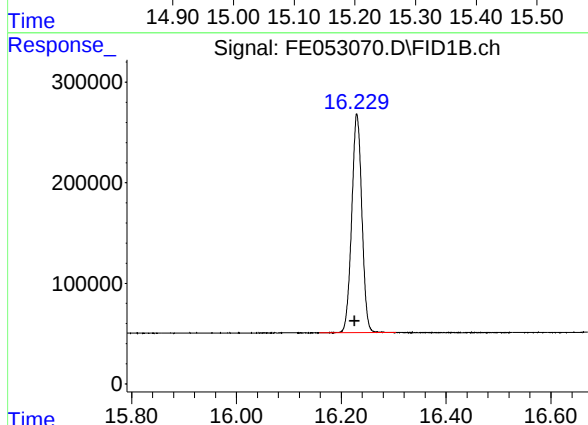
R.T.: 14.100 min
Delta R.T.: 0.004 min
Response: 3019214
Conc: 22.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



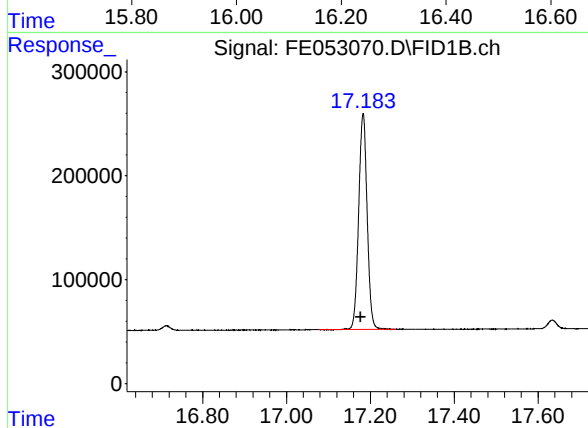
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: 0.005 min
Response: 2975665
Conc: 22.03 ug/ml



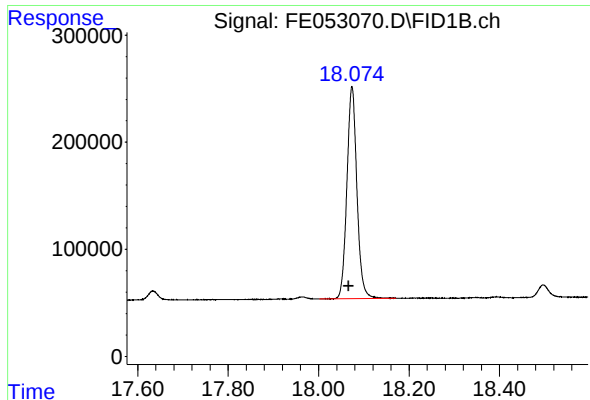
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: 0.005 min
Response: 2927186
Conc: 21.94 ug/ml



#16 n-Octacosane (C28)

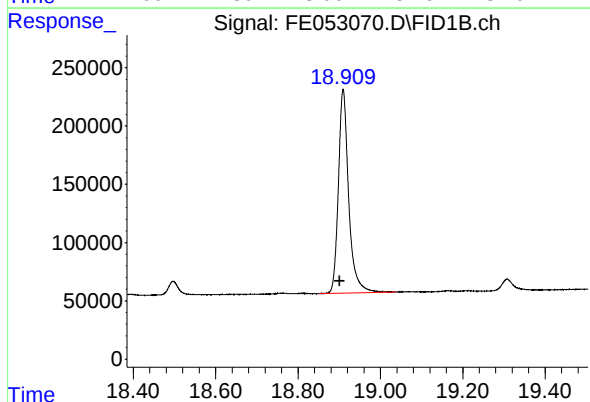
R.T.: 17.183 min
Delta R.T.: 0.006 min
Response: 2908168
Conc: 22.04 ug/ml



#17 n-Tricontane (C30)

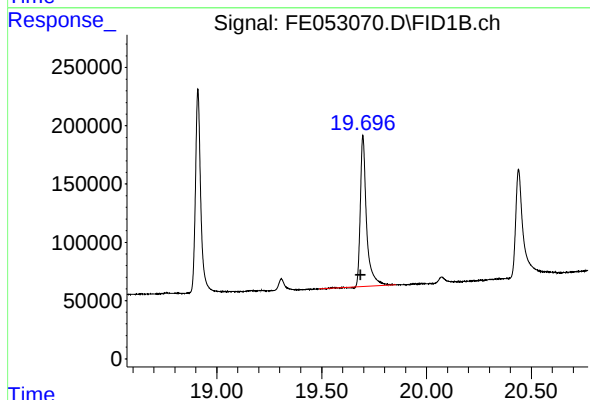
R.T.: 18.074 min
Delta R.T.: 0.008 min
Response: 3043481
Conc: 22.45 ug/ml

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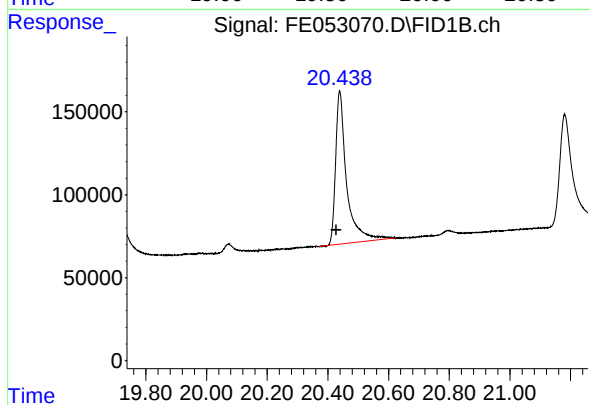
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.009 min
Response: 3035207
Conc: 22.56 ug/ml



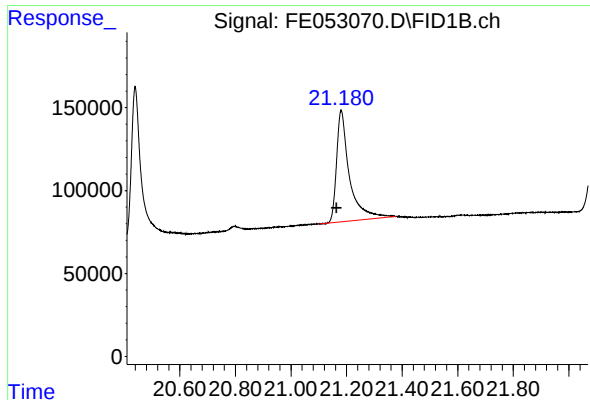
#19 n-Tetatriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.011 min
Response: 2663630
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

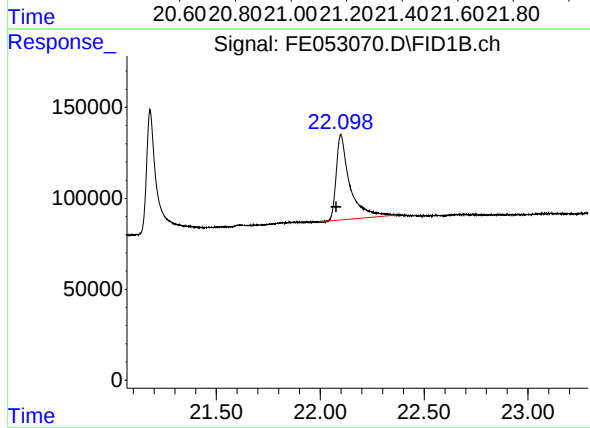
R.T.: 20.439 min
Delta R.T.: 0.011 min
Response: 2325604
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: 0.016 min
Response: 2149563
Conc: 18.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.020 min
Response: 2138577
Conc: 19.04 ug/ml