

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110924AL\
 Data File : FE051134.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2024 00:09
 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 09 00:44:54 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)	11.850	3234769	21.551 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
12) S 1-chlorooctadecane (S...	13.283	2447987	21.562 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
Target Compounds			
1) T n-Nonane (C9)	3.237	3088530	22.321 ug/ml
2) T n-Decane (C10)	4.488	3137100	22.379 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2959882	22.449 ug/ml
4) T n-Dodecane (C12)	6.657	3131656	22.179 ug/ml
5) T A~2-methylnaphthalene...	7.298	2739201	21.897 ug/ml
6) T n-Tetradecane (C14)	8.483	3048200	21.872 ug/ml
7) T n-Hexadecane (C16)	10.089	3071722	21.646 ug/ml
8) T n-Octadecane (C18)	11.530	3076065	21.540 ug/ml
10) T n-Eicosane (C20)	12.837	2938684	21.473 ug/ml
11) T n-Heneicosane (C21)	13.448	2875353	21.515 ug/ml
13) T n-Docosane (C22)	14.034	2866173	21.558 ug/ml
14) T n-Tetracosane (C24)	15.134	2899951	21.860 ug/ml
15) T n-Hexacosane (C26)	16.154	2920594	21.817 ug/ml
16) T n-Octacosane (C28)	17.103	2968147	21.772 ug/ml
17) T n-Tricontane (C30)	17.989	3109381	21.402 ug/ml
18) T n-Dotriacontane (C32)	18.821	3100301	20.880 ug/ml
19) T n-Tetratriacontane (C34)	19.604	2763685	20.568 ug/ml
20) T n-Hexatriacontane (C36)	20.344	2351933	19.711 ug/ml
21) T n-Octatriacontane (C38)	21.066	2094959	18.407 ug/ml
22) T n-Tetracontane (C40)	21.947	1802320	16.205 ug/ml

(f)=RT Delta > 1/2 Window

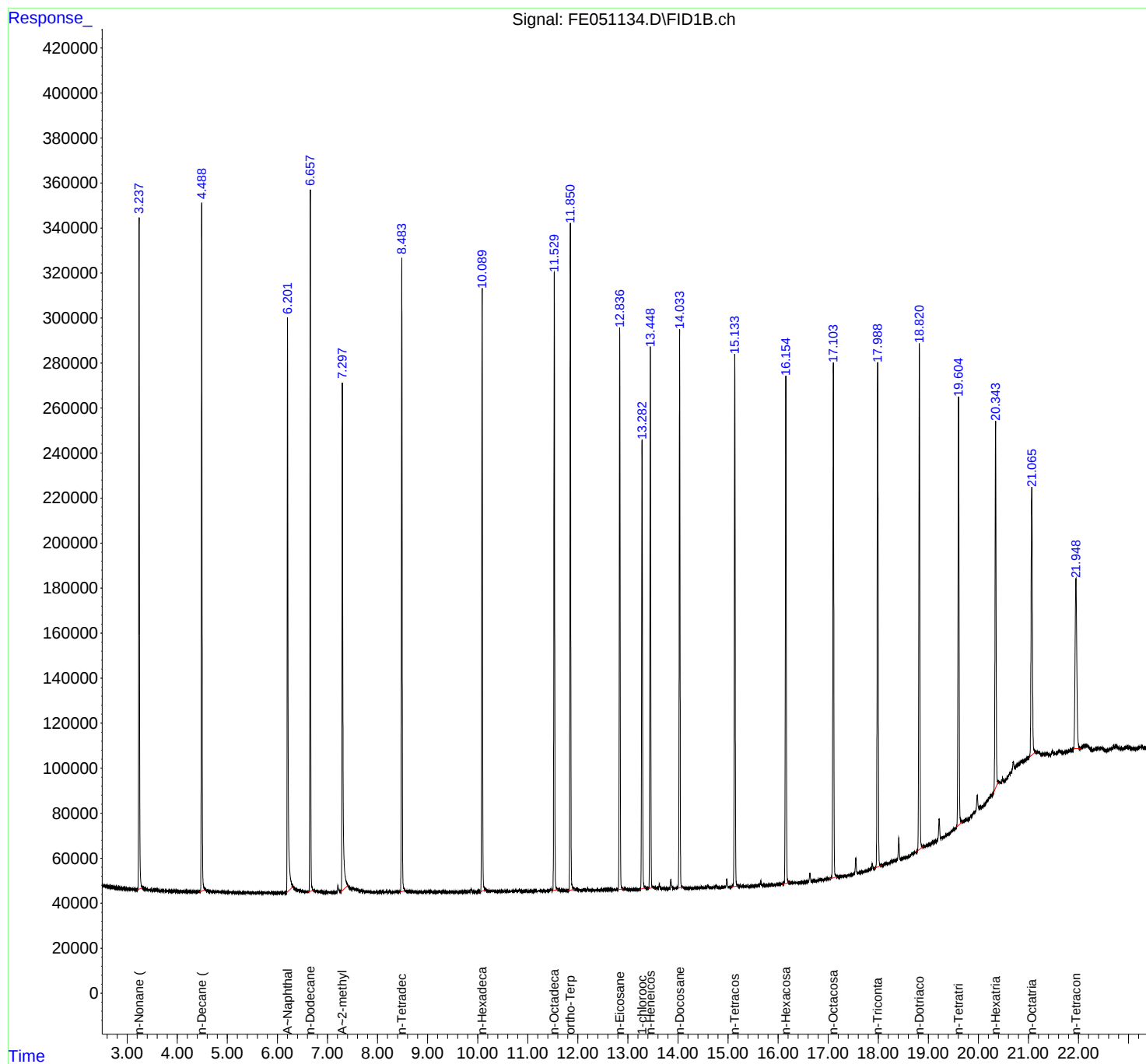
(m)=manual int.

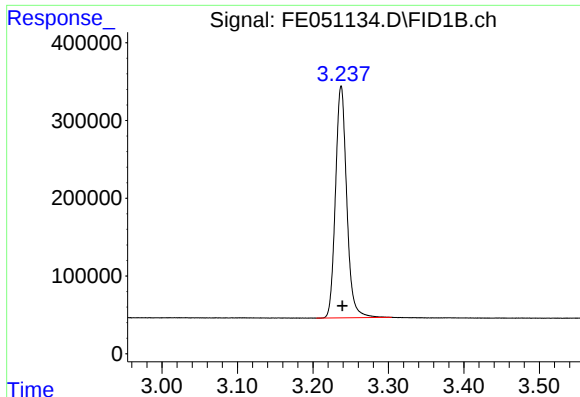
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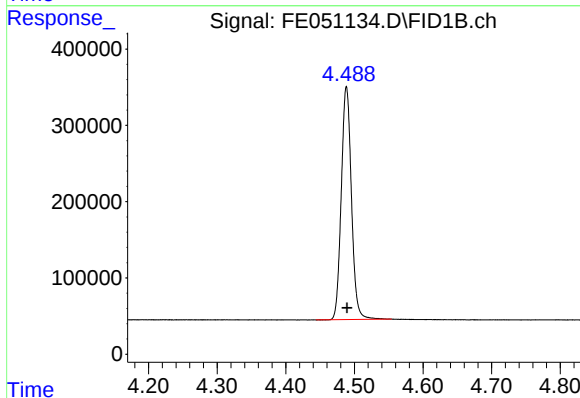




#1 n-Nonane (C9)

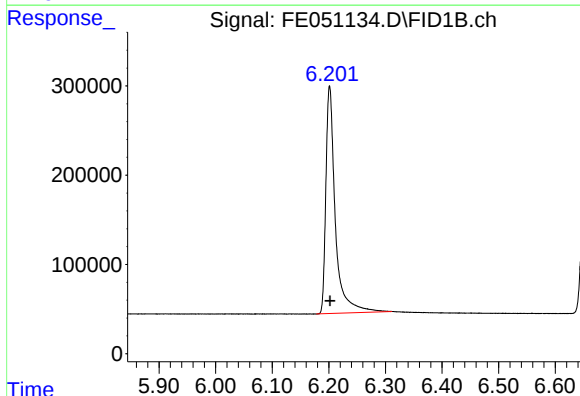
R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 3088530
Conc: 22.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



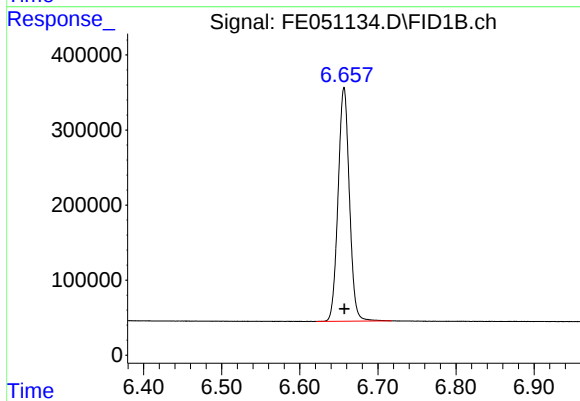
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 3137100
Conc: 22.38 ug/ml



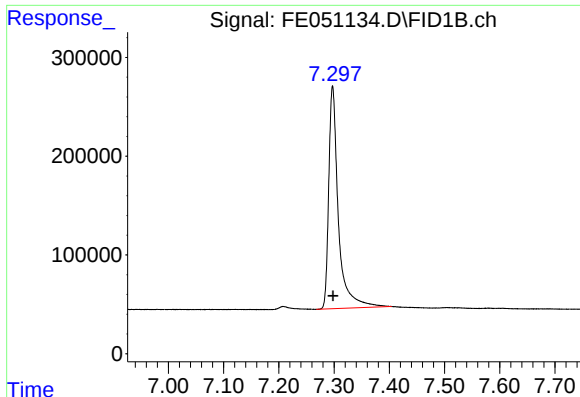
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2959882
Conc: 22.45 ug/ml



#4 n-Dodecane (C12)

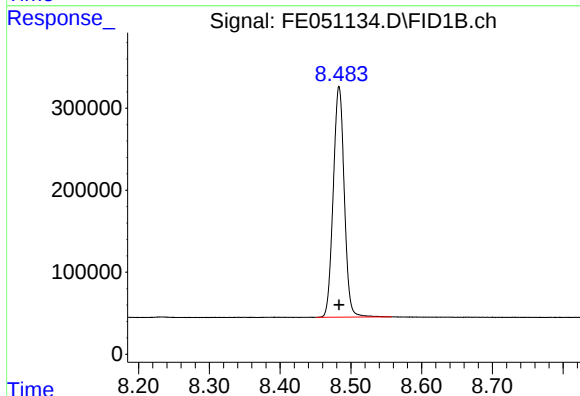
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 3131656
Conc: 22.18 ug/ml



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

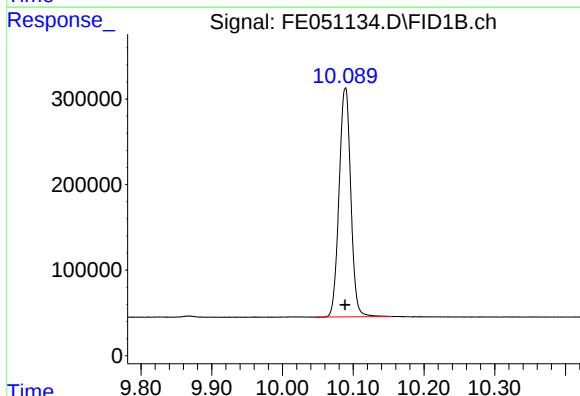
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2739201
Conc: 21.90 ug/ml

Instrument :
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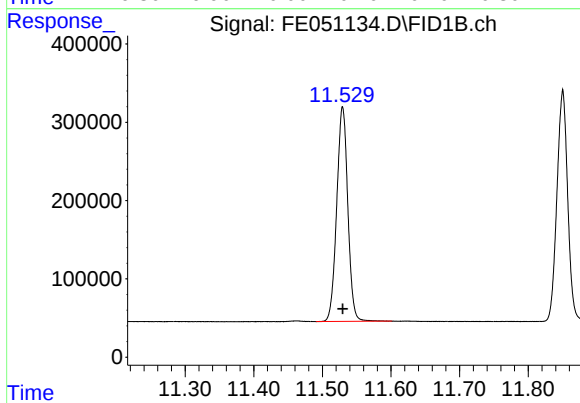
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 3048200
Conc: 21.87 ug/ml



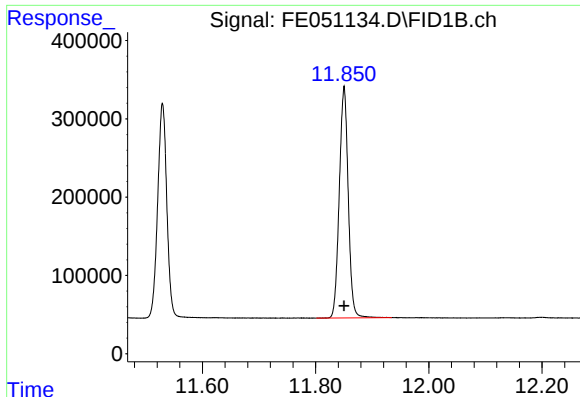
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 3071722
Conc: 21.65 ug/ml



#8 n-Octadecane (C18)

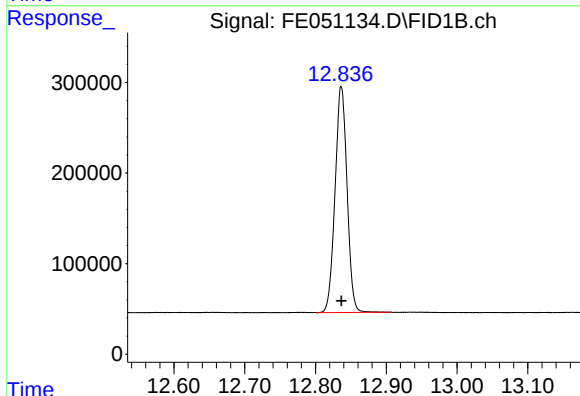
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 3076065
Conc: 21.54 ug/ml



#9 ortho-Terphenyl (SURR)

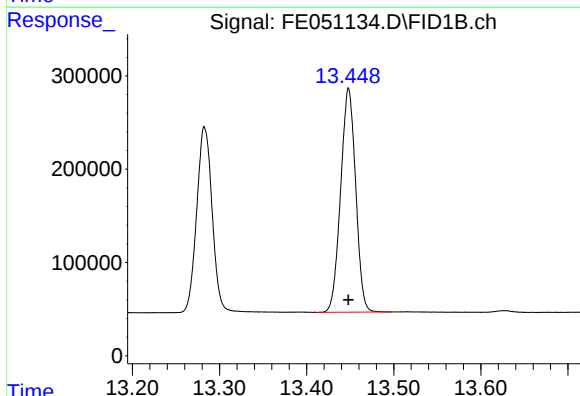
R.T.: 11.850 min
Delta R.T.: 0.000 min
Response: 3234769
Conc: 21.55 ug/ml

Instrument :
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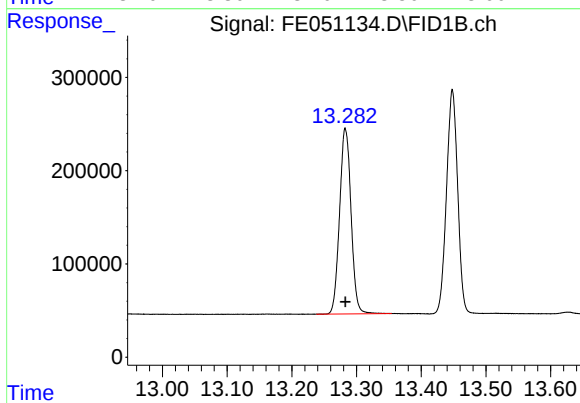
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.000 min
Response: 2938684
Conc: 21.47 ug/ml



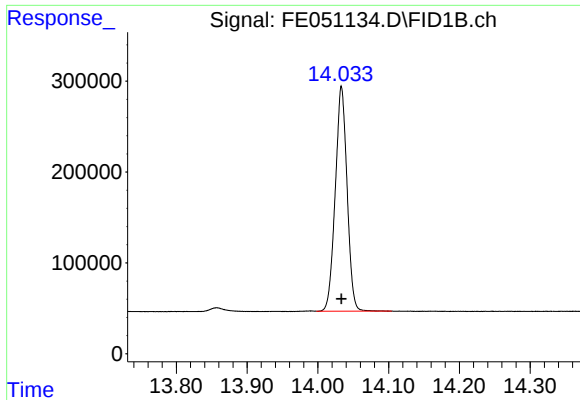
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: 0.000 min
Response: 2875353
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

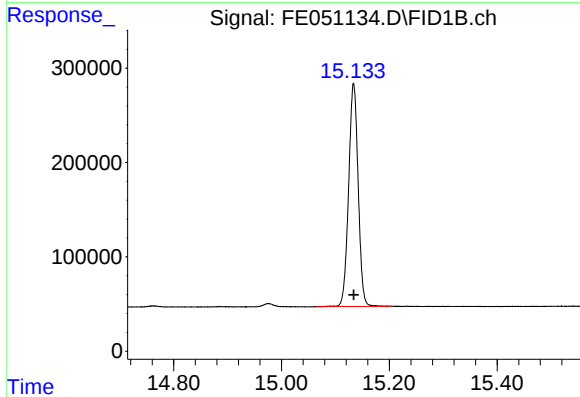
R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 2447987
Conc: 21.56 ug/ml



#13 n-Docosane (C22)

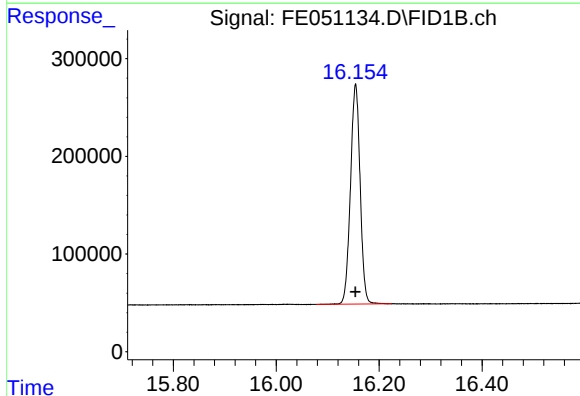
R.T.: 14.034 min
Delta R.T.: 0.000 min
Response: 2866173
Conc: 21.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



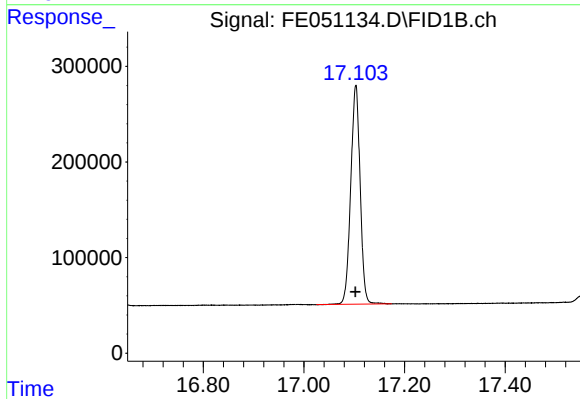
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: 0.000 min
Response: 2899951
Conc: 21.86 ug/ml



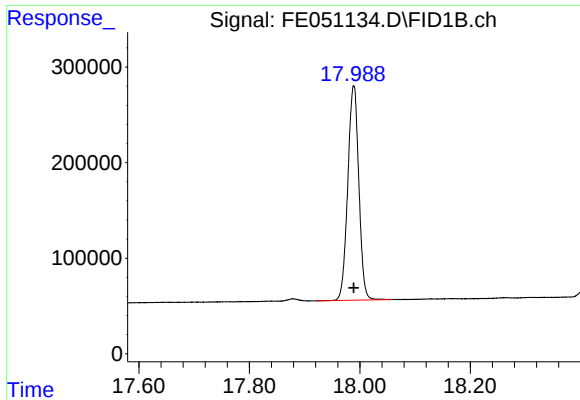
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 2920594
Conc: 21.82 ug/ml



#16 n-Octacosane (C28)

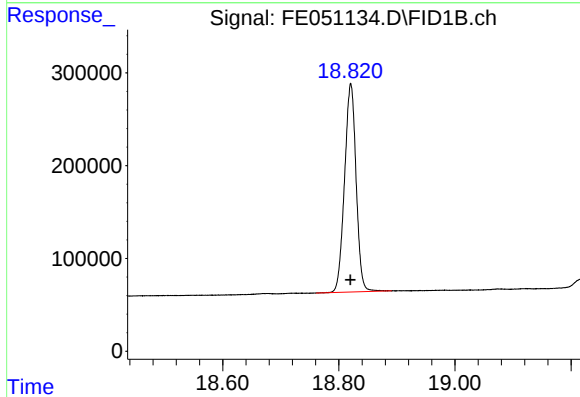
R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2968147
Conc: 21.77 ug/ml



#17 n-Tricontane (C30)

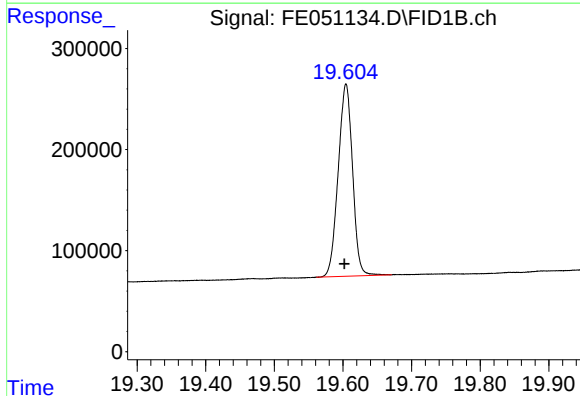
R.T.: 17.989 min
Delta R.T.: 0.000 min
Response: 3109381
Conc: 21.40 ug/ml

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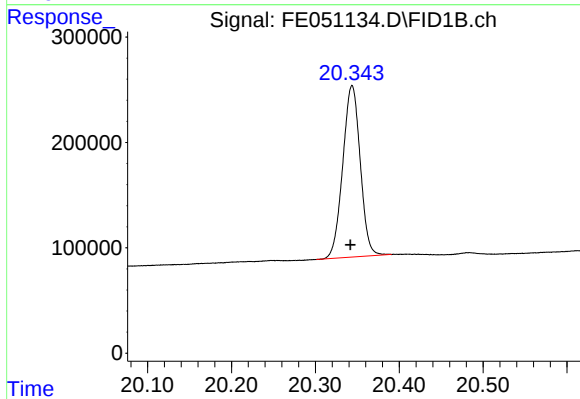
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.000 min
Response: 3100301
Conc: 20.88 ug/ml



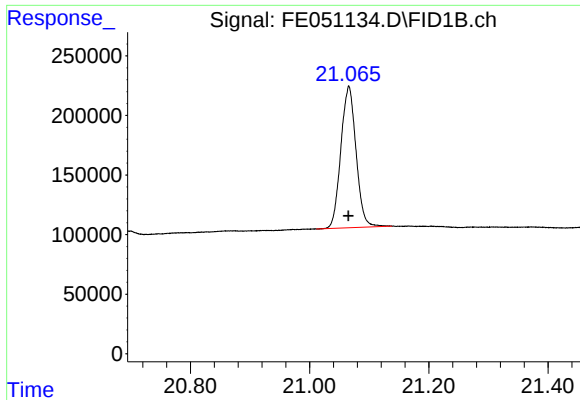
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: 0.002 min
Response: 2763685
Conc: 20.57 ug/ml



#20 n-Hexatriacontane (C36)

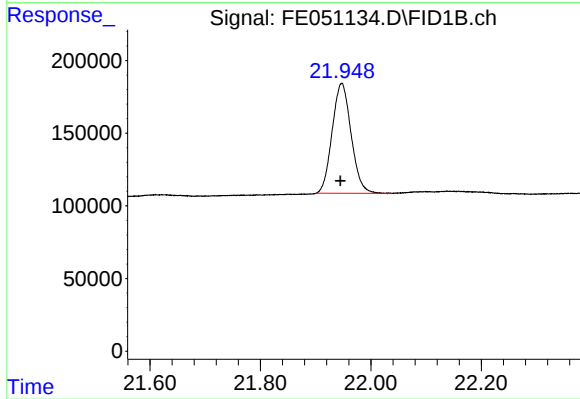
R.T.: 20.344 min
Delta R.T.: 0.002 min
Response: 2351933
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: 0.000 min
Response: 2094959
Conc: 18.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: 0.003 min
Response: 1802320
Conc: 16.20 ug/ml