

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111224AL\
 Data File : FE051164.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2024 04:23
 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: Nov 13 02:49:04 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)	11.851	3201447	21.329 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
12) S 1-chlorooctadecane (S...	13.284	2424241	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.237	3053718	22.069 ug/ml
2) T n-Decane (C10)	4.488	3128471	22.318 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2937542	22.280 ug/ml
4) T n-Dodecane (C12)	6.656	3132671	22.187 ug/ml
5) T A~2-methylnaphthalene...	7.298	2750076	21.984 ug/ml
6) T n-Tetradecane (C14)	8.483	3052899	21.906 ug/ml
7) T n-Hexadecane (C16)	10.089	3078271	21.692 ug/ml
8) T n-Octadecane (C18)	11.531	3071600	21.509 ug/ml
10) T n-Eicosane (C20)	12.838	2921781	21.349 ug/ml
11) T n-Heneicosane (C21)	13.449	2862985	21.422 ug/ml
13) T n-Docosane (C22)	14.034	2845467	21.402 ug/ml
14) T n-Tetracosane (C24)	15.136	2882742	21.731 ug/ml
15) T n-Hexacosane (C26)	16.156	2905799	21.706 ug/ml
16) T n-Octacosane (C28)	17.105	2960381	21.715 ug/ml
17) T n-Tricontane (C30)	17.991	3120058	21.475 ug/ml
18) T n-Dotriacontane (C32)	18.824	3142028	21.161 ug/ml
19) T n-Tetratriacontane (C34)	19.605	2822151	21.004 ug/ml
20) T n-Hexatriacontane (C36)	20.345	2446954	20.508 ug/ml
21) T n-Octatriacontane (C38)	21.070	2174103	19.102 ug/ml
22) T n-Tetracontane (C40)	21.952	1832013	16.472 ug/ml

(f)=RT Delta > 1/2 Window

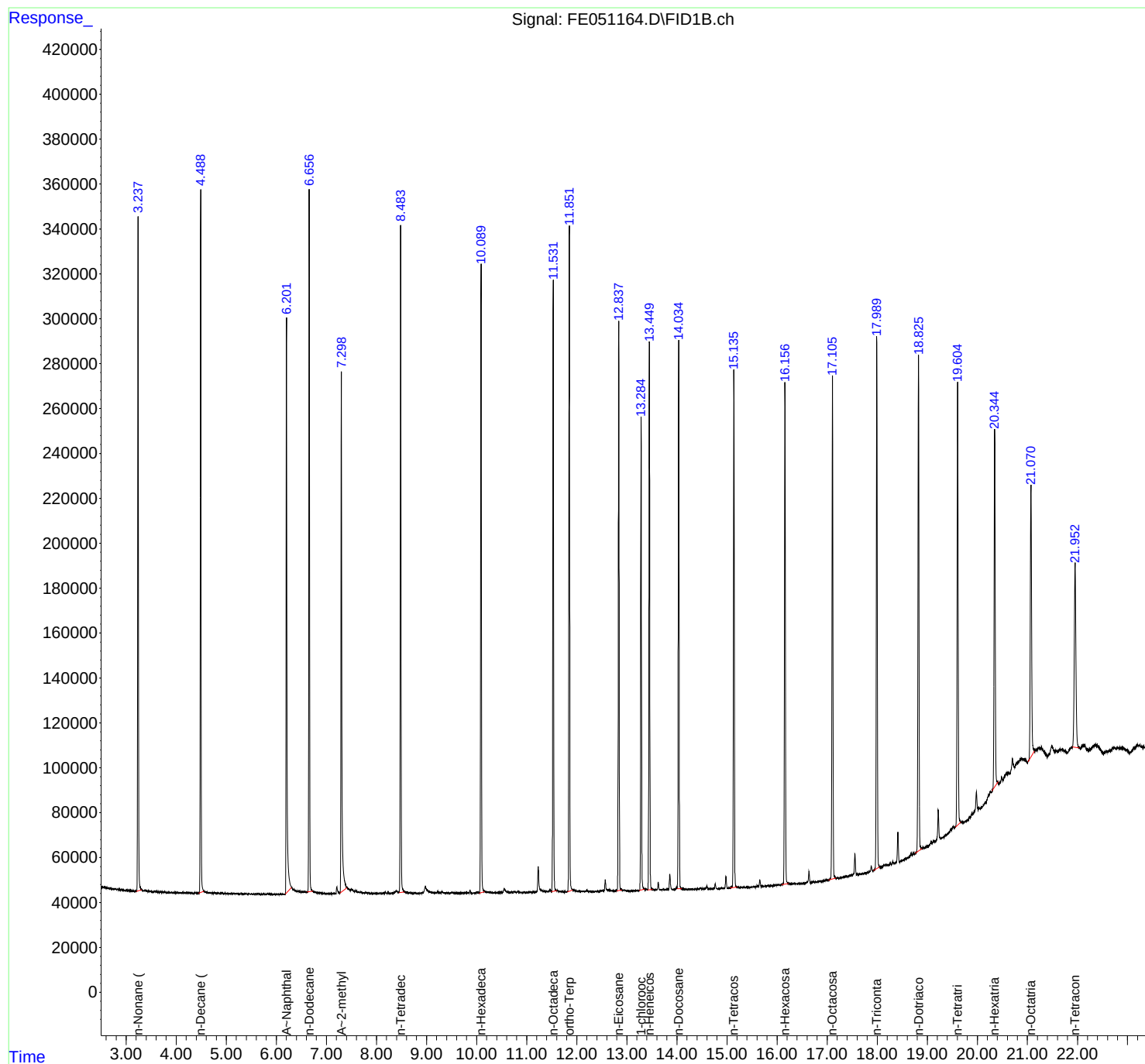
(m)=manual int.

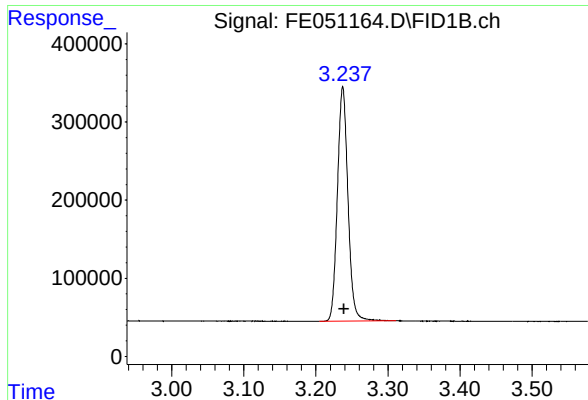
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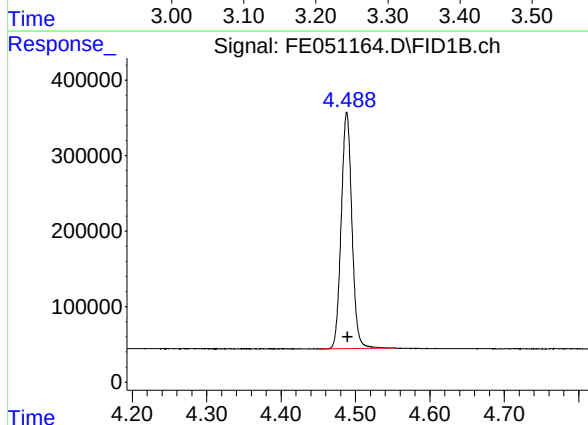




#1 n-Nonane (C9)

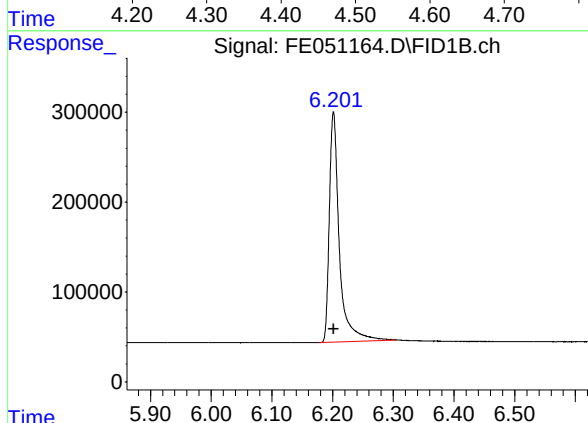
R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 3053718
Conc: 22.07 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



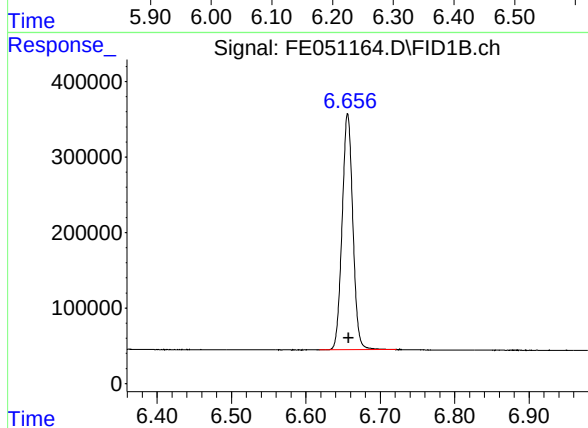
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 3128471
Conc: 22.32 ug/ml



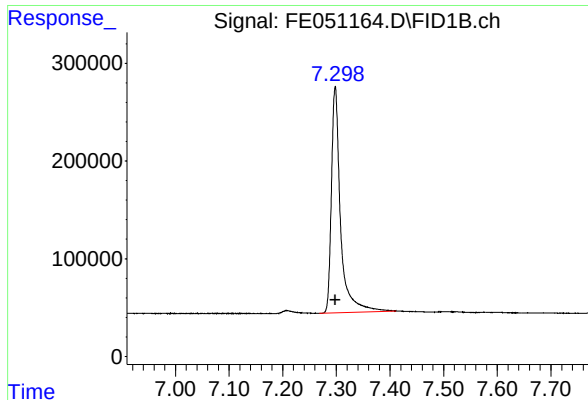
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2937542
Conc: 22.28 ug/ml



#4 n-Dodecane (C12)

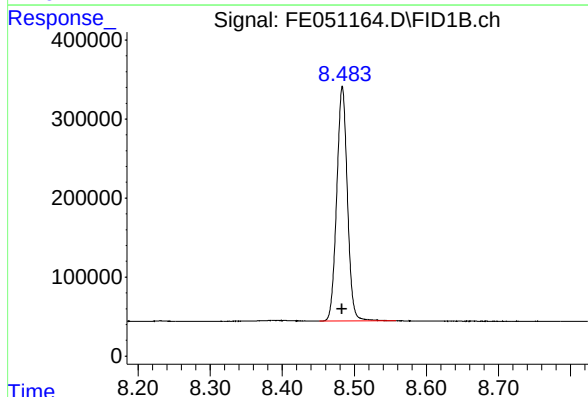
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 3132671
Conc: 22.19 ug/ml



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

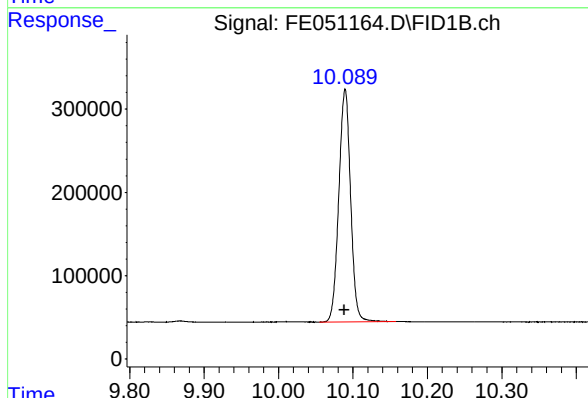
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2750076
Conc: 21.98 ug/ml

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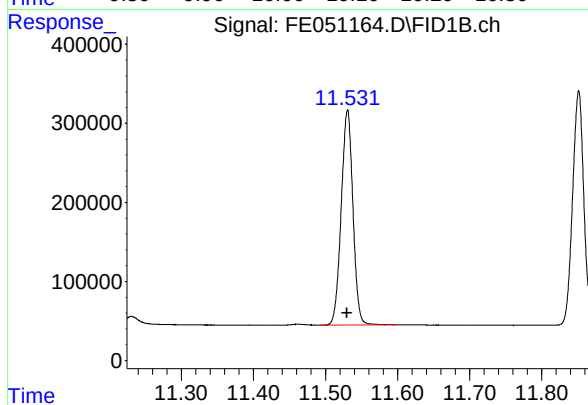
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 3052899
Conc: 21.91 ug/ml



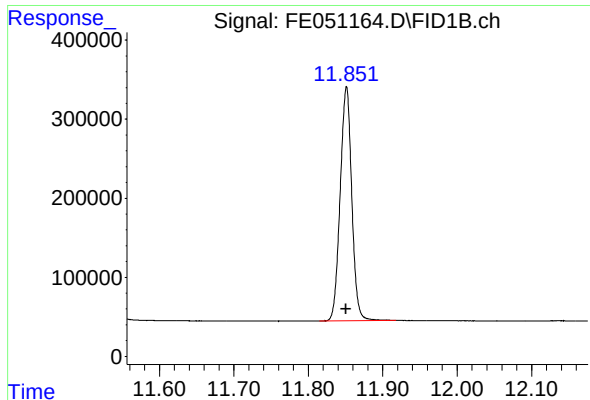
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 3078271
Conc: 21.69 ug/ml



#8 n-Octadecane (C18)

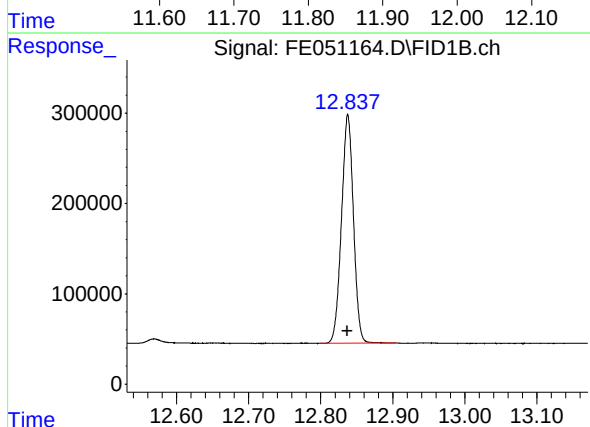
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 3071600
Conc: 21.51 ug/ml



#9 ortho-Terphenyl (SURR)

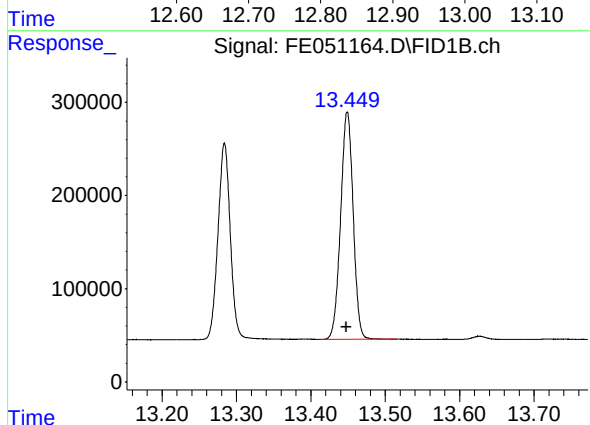
R.T.: 11.851 min
Delta R.T.: 0.000 min
Response: 3201447
Conc: 21.33 ug/ml

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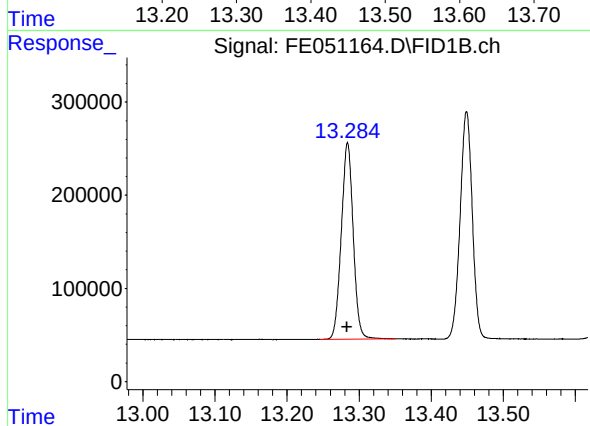
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 2921781
Conc: 21.35 ug/ml



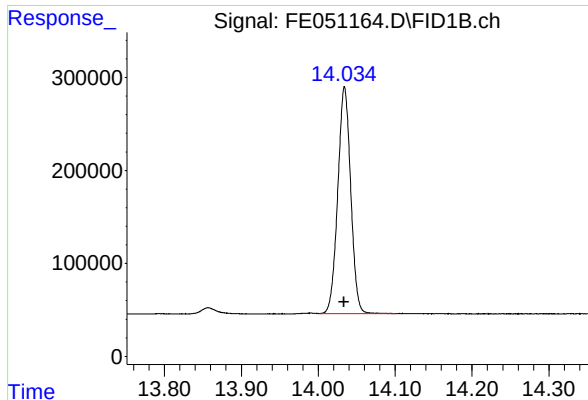
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: 0.001 min
Response: 2862985
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

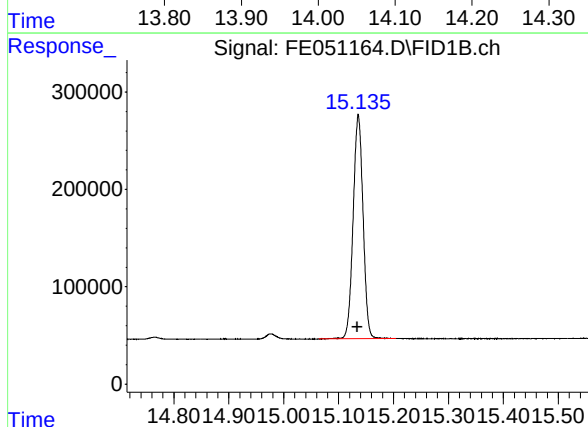
R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 2424241
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

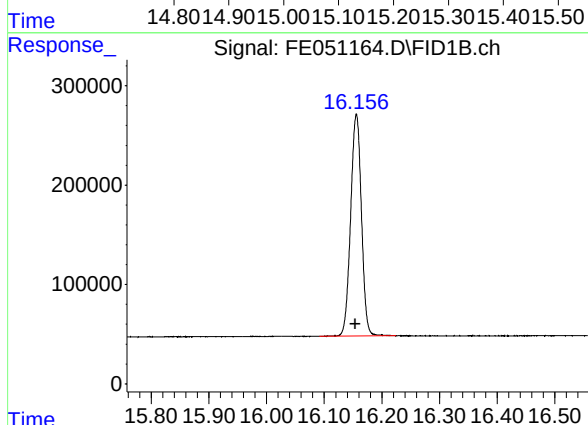
R.T.: 14.034 min
Delta R.T.: 0.000 min
Response: 2845467
Conc: 21.40 ug/ml

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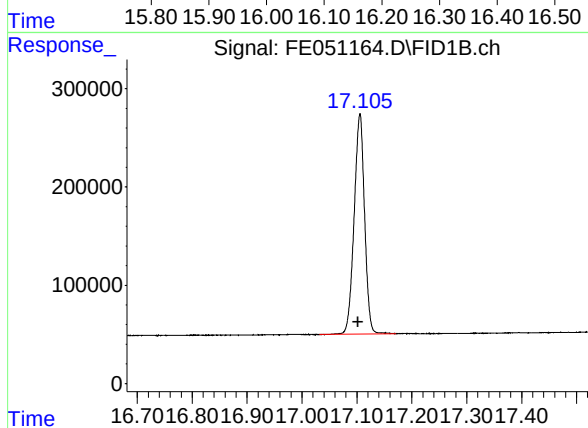
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: 0.002 min
Response: 2882742
Conc: 21.73 ug/ml



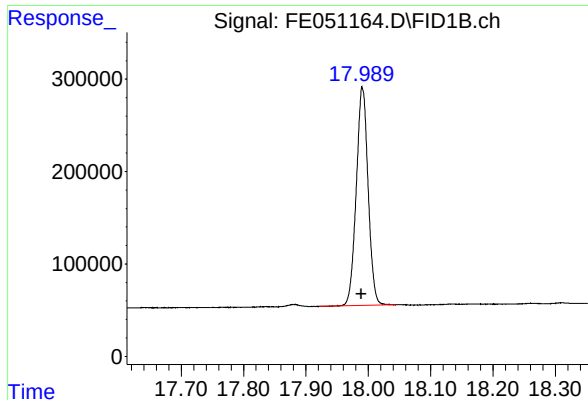
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: 0.002 min
Response: 2905799
Conc: 21.71 ug/ml



#16 n-Octacosane (C28)

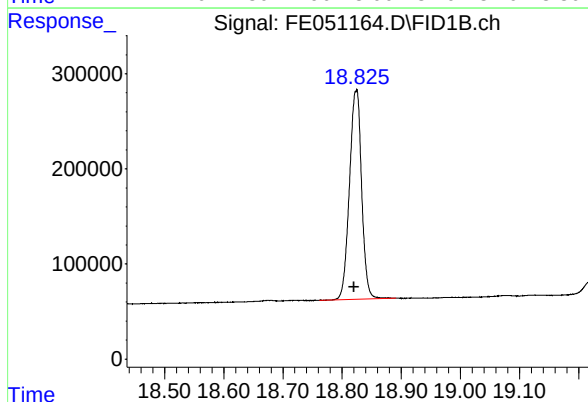
R.T.: 17.105 min
Delta R.T.: 0.003 min
Response: 2960381
Conc: 21.71 ug/ml



#17 n-Tricontane (C30)

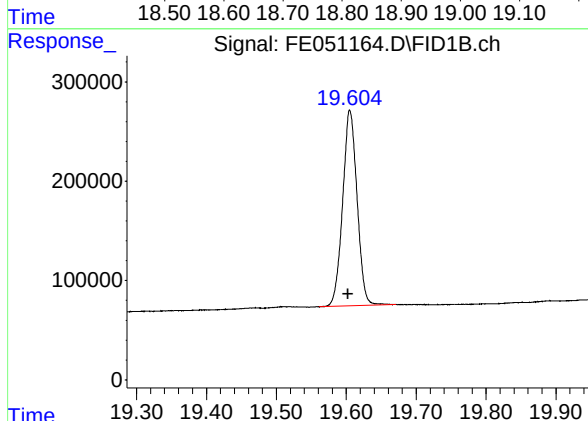
R.T.: 17.991 min
Delta R.T.: 0.002 min
Response: 3120058
Conc: 21.48 ug/ml

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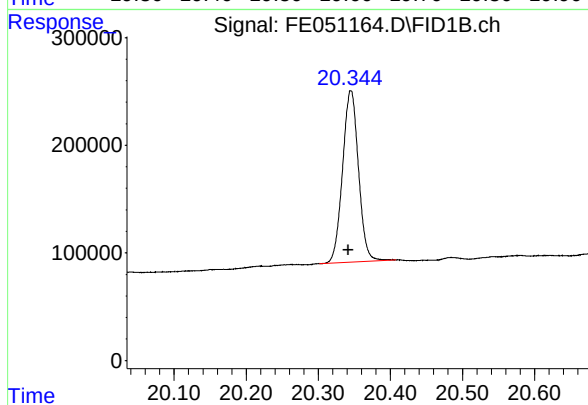
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.004 min
Response: 3142028
Conc: 21.16 ug/ml



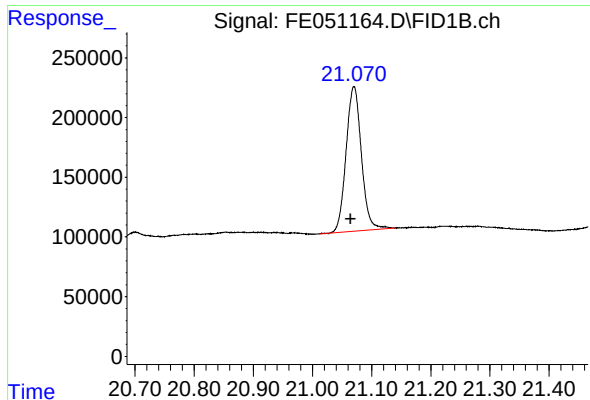
#19 n-Tetatriacontane (C34)

R.T.: 19.605 min
Delta R.T.: 0.003 min
Response: 2822151
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

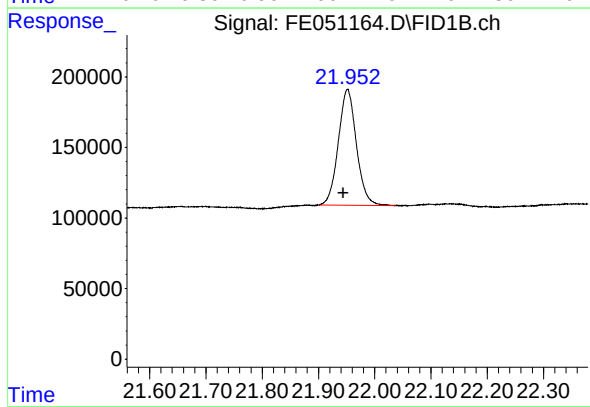
R.T.: 20.345 min
Delta R.T.: 0.003 min
Response: 2446954
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: 0.005 min
Response: 2174103
Conc: 19.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: 0.007 min
Response: 1832013
Conc: 16.47 ug/ml