

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091925AL\
 Data File : FE055896.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2025 12:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 21:43:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 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)	12.078	3283318	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.514	2483854	19.864 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.411	2158077	17.006 ug/ml
2) T n-Decane (C10)	4.671	2210673	17.258 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2633524	18.126 ug/ml
4) T n-Dodecane (C12)	6.847	2303040	17.687 ug/ml
5) T A~2-methylnaphthalene...	7.494	2601533	18.496 ug/ml
6) T n-Tetradecane (C14)	8.685	2420736	18.382 ug/ml
7) T n-Hexadecane (C16)	10.301	2663151	19.229 ug/ml
8) T n-Octadecane (C18)	11.751	2905053	19.917 ug/ml
10) T n-Eicosane (C20)	13.066	2904321	20.176 ug/ml
11) T n-Heneicosane (C21)	13.681	2870750	20.097 ug/ml
13) T n-Docosane (C22)	14.269	2866677	20.026 ug/ml
14) T n-Tetracosane (C24)	15.377	2832257	19.574 ug/ml
15) T n-Hexacosane (C26)	16.401	2637380	18.461 ug/ml
16) T n-Octacosane (C28)	17.354	2573583	18.094 ug/ml
17) T n-Tricontane (C30)	18.244	2725517	18.438 ug/ml
18) T n-Dotriacontane (C32)	19.079	2781167	18.948 ug/ml
19) T n-Tetratriacontane (C34)	19.864	2647810	18.741 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2390230	18.114 ug/ml
21) T n-Octatriacontane (C38)	21.383	2221063	17.054 ug/ml
22) T n-Tetracontane (C40)	22.371	2048675	15.975 ug/ml

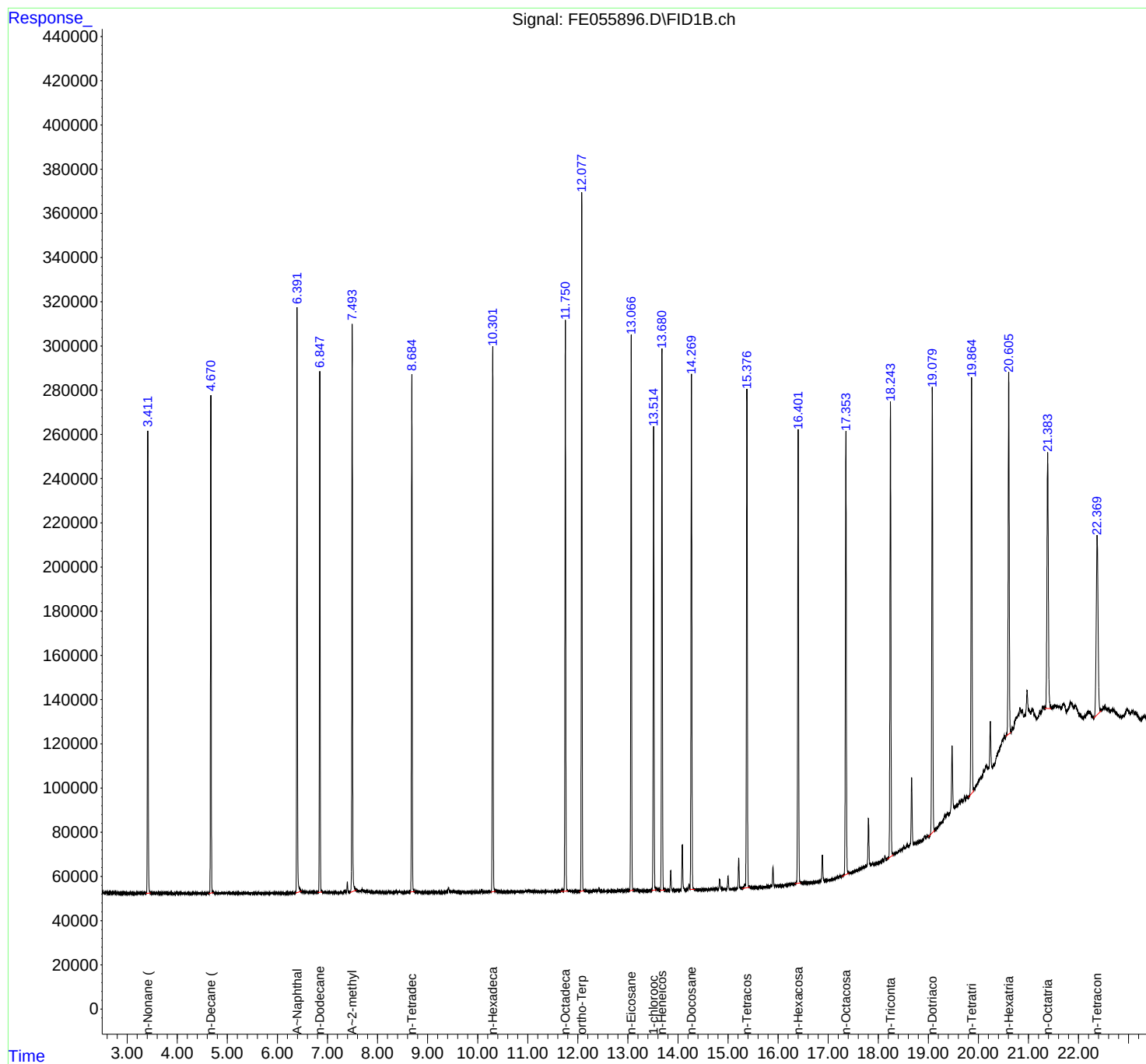
(f)=RT Delta > 1/2 Window

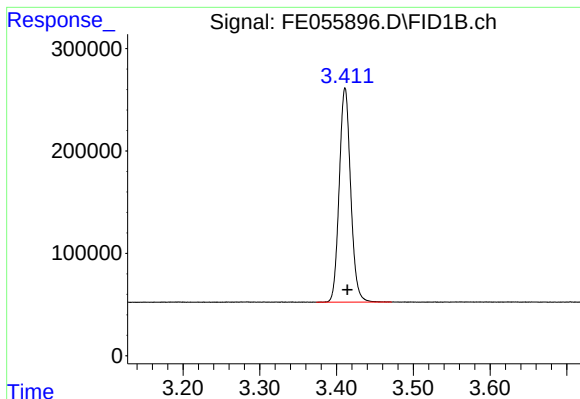
(m)=manual int.

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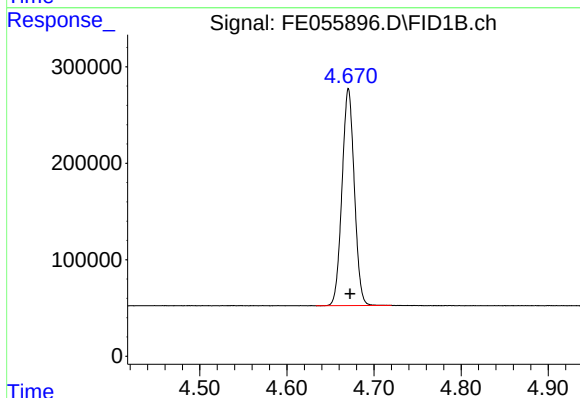
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Signal Info : 20M x 0.18mm x 0.18um





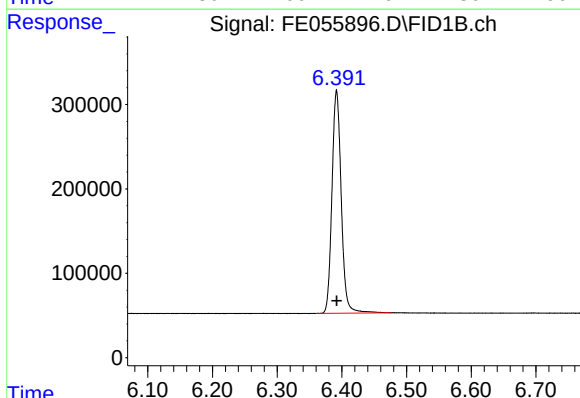
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2158077
Conc: 17.01 ug/ml



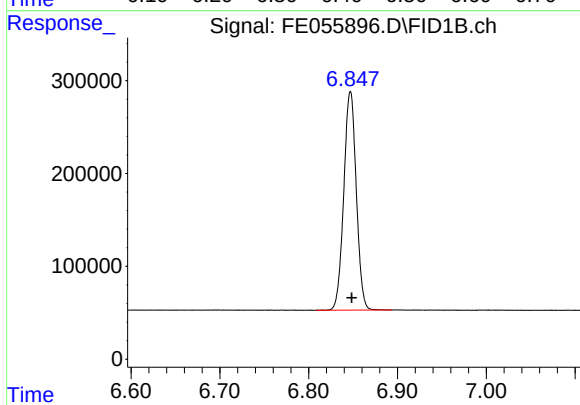
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2210673
Conc: 17.26 ug/ml



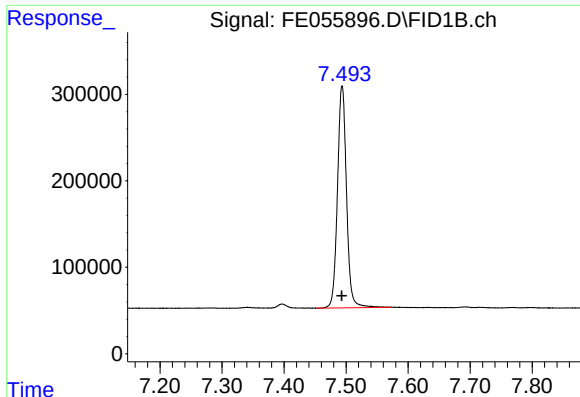
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2633524
Conc: 18.13 ug/ml



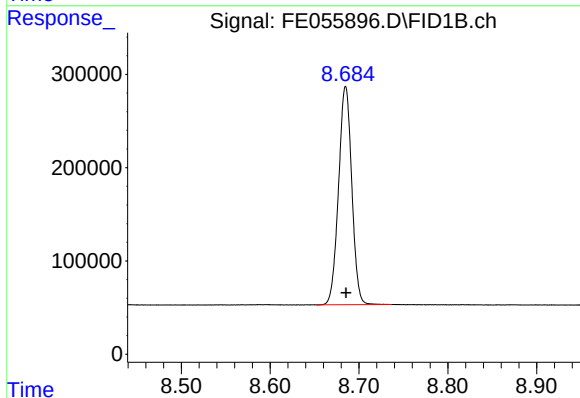
#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 2303040
Conc: 17.69 ug/ml



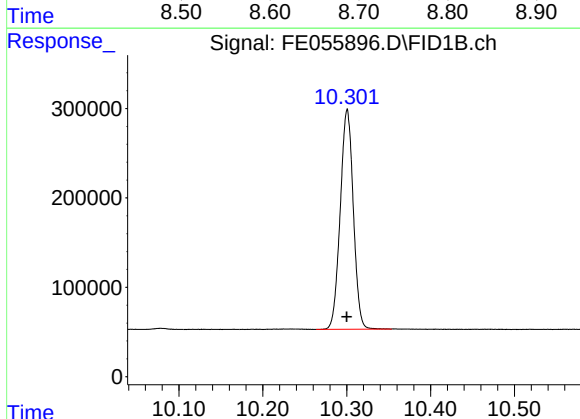
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 2601533
Conc: 18.50 ug/ml



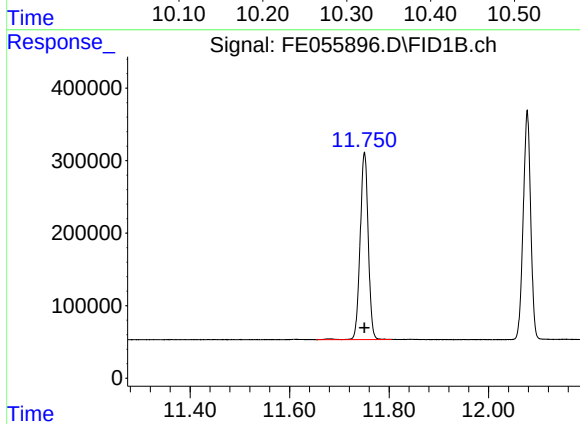
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2420736
Conc: 18.38 ug/ml



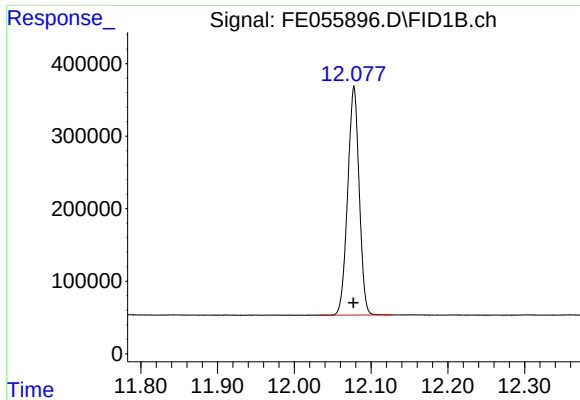
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: 0.000 min
Response: 2663151
Conc: 19.23 ug/ml



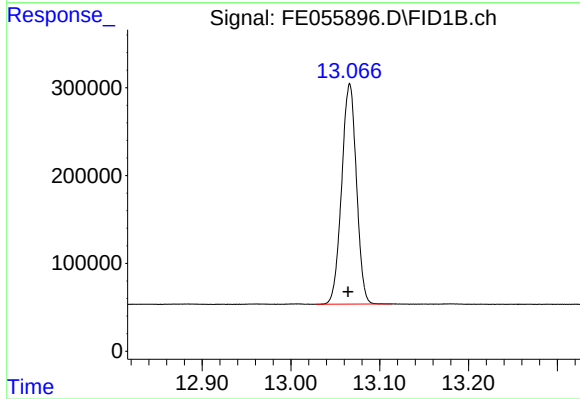
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 2905053
Conc: 19.92 ug/ml



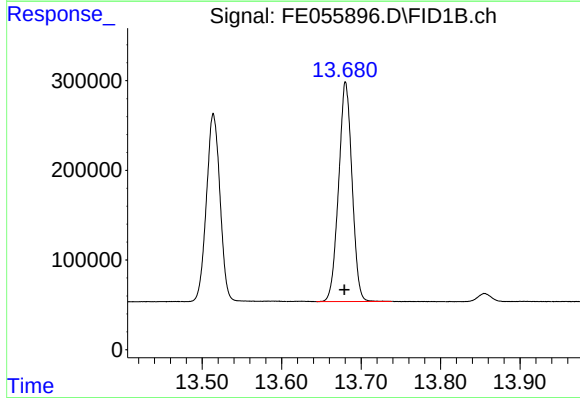
#9 ortho-Terphenyl (SURR)

R.T.: 12.078 min
Delta R.T.: 0.000 min
Response: 3283318
Conc: 19.99 ug/ml



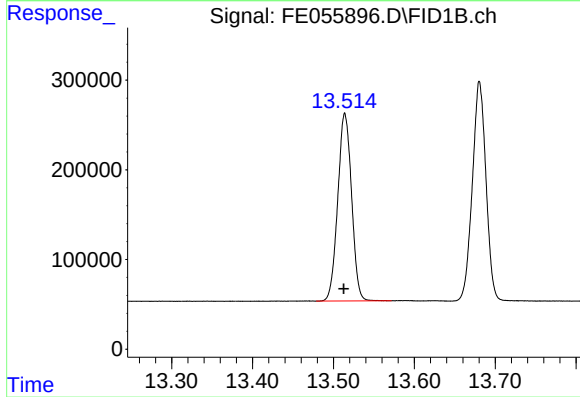
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: 0.002 min
Response: 2904321
Conc: 20.18 ug/ml



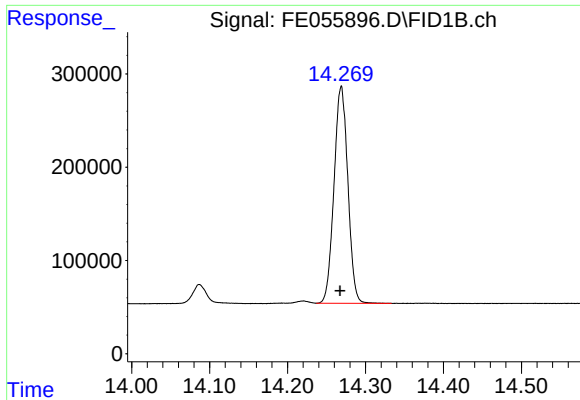
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 2870750
Conc: 20.10 ug/ml



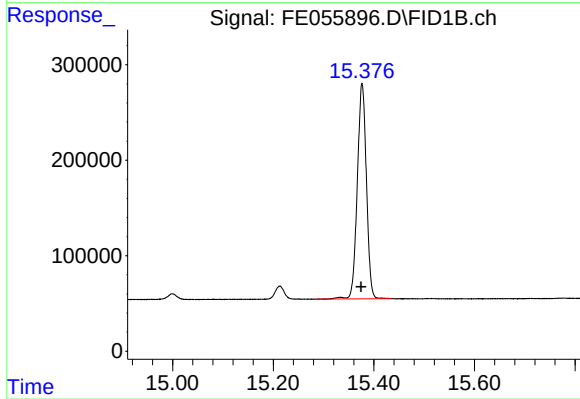
#12 1-chlorooctadecane (SURR)

R.T.: 13.514 min
Delta R.T.: 0.001 min
Response: 2483854
Conc: 19.86 ug/ml



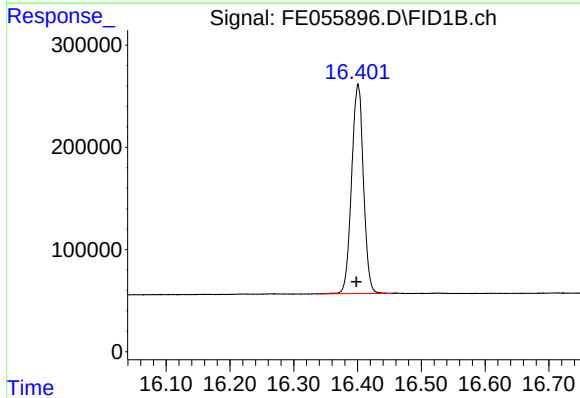
#13 n-Docosane (C22)

R.T.: 14.269 min
Delta R.T.: 0.001 min
Response: 2866677
Conc: 20.03 ug/ml



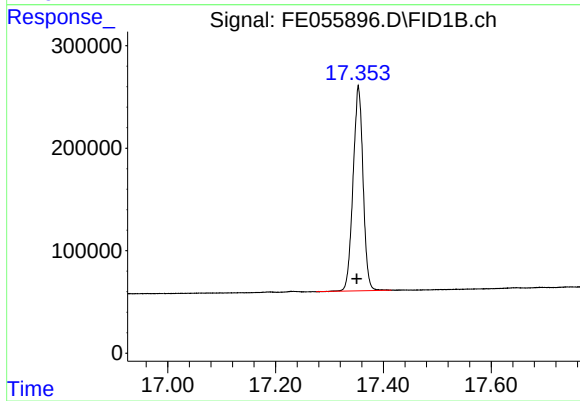
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.002 min
Response: 2832257
Conc: 19.57 ug/ml



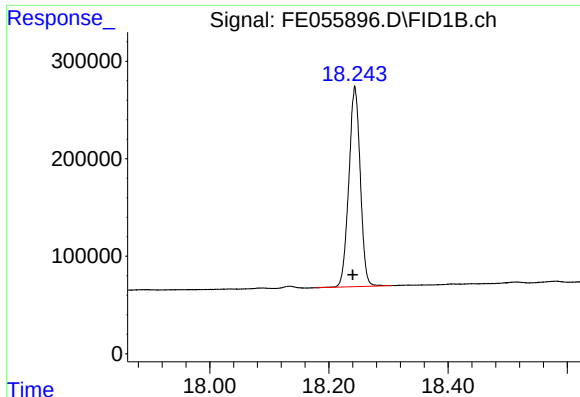
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: 0.002 min
Response: 2637380
Conc: 18.46 ug/ml



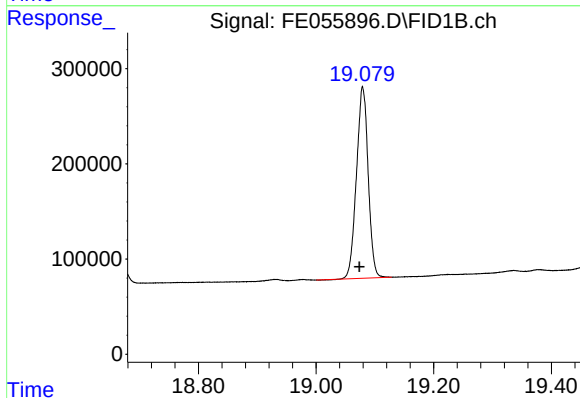
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: 0.004 min
Response: 2573583
Conc: 18.09 ug/ml



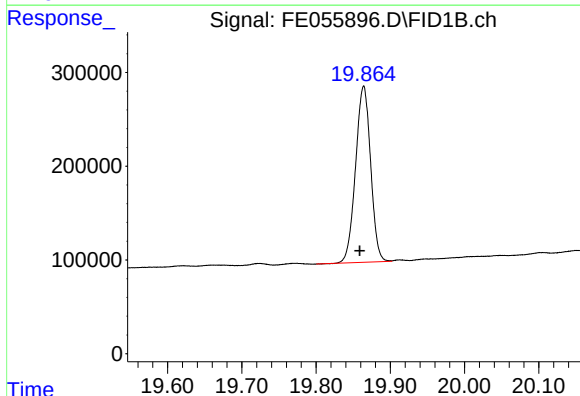
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: 0.004 min
Response: 2725517
Conc: 18.44 ug/ml



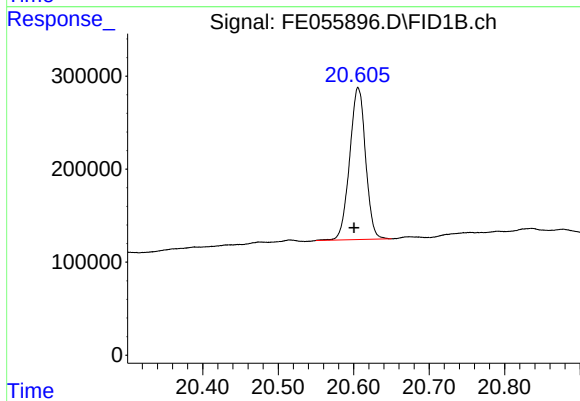
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: 0.006 min
Response: 2781167
Conc: 18.95 ug/ml



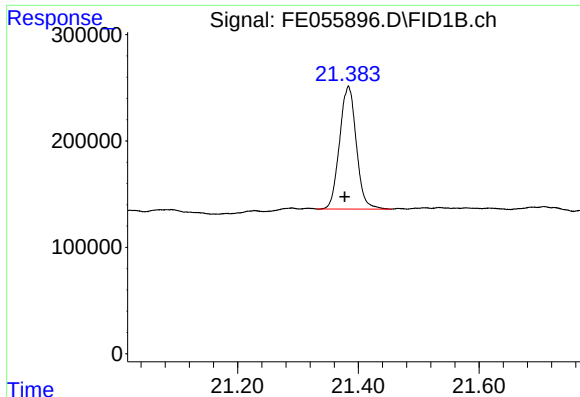
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: 0.005 min
Response: 2647810
Conc: 18.74 ug/ml



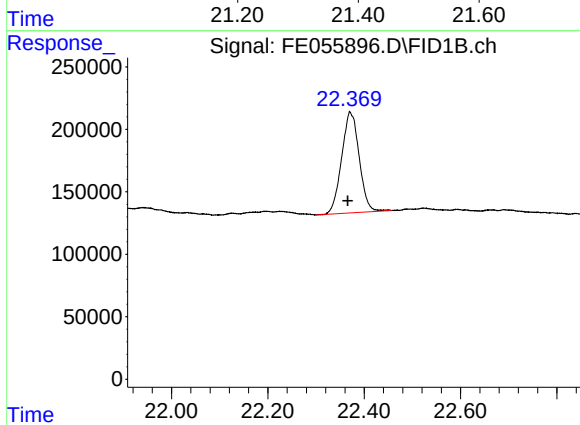
#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.005 min
Response: 2390230
Conc: 18.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: 0.006 min
Response: 2221063
Conc: 17.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: 0.005 min
Response: 2048675
Conc: 15.98 ug/ml