

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055163.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 22:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:29:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.084	2571285	18.006 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
12) S 1-chlorooctadecane (S...	13.520	1953805	18.171 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
Target Compounds			
1) T n-Nonane (C9)	3.424	2072495	18.058 ug/ml
2) T n-Decane (C10)	4.682	2157798	18.523 ug/ml
3) T A~Naphthalene (C11.7)	6.401	2466572	18.376 ug/ml
4) T n-Dodecane (C12)	6.857	2225242	18.687 ug/ml
5) T A~2-methylnaphthalene...	7.502	2402423	18.426 ug/ml
6) T n-Tetradecane (C14)	8.694	2260957	18.440 ug/ml
7) T n-Hexadecane (C16)	10.308	2354688	18.418 ug/ml
8) T n-Octadecane (C18)	11.758	2385313	18.282 ug/ml
10) T n-Eicosane (C20)	13.072	2288048	18.236 ug/ml
11) T n-Heneicosane (C21)	13.686	2228495	18.079 ug/ml
13) T n-Docosane (C22)	14.274	2265537	18.552 ug/ml
14) T n-Tetracosane (C24)	15.380	2377439	19.546 ug/ml
15) T n-Hexacosane (C26)	16.404	2419028	20.218 ug/ml
16) T n-Octacosane (C28)	17.356	2469463	20.818 ug/ml
17) T n-Tricontane (C30)	18.246	2685161	21.822 ug/ml
18) T n-Dotriacontane (C32)	19.079	2647521	21.699 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2379209	20.349 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2167307	19.829 ug/ml
21) T n-Octatriacontane (C38)	21.384	2165879	20.041 ug/ml
22) T n-Tetracontane (C40)	22.374	1936149	18.515 ug/ml

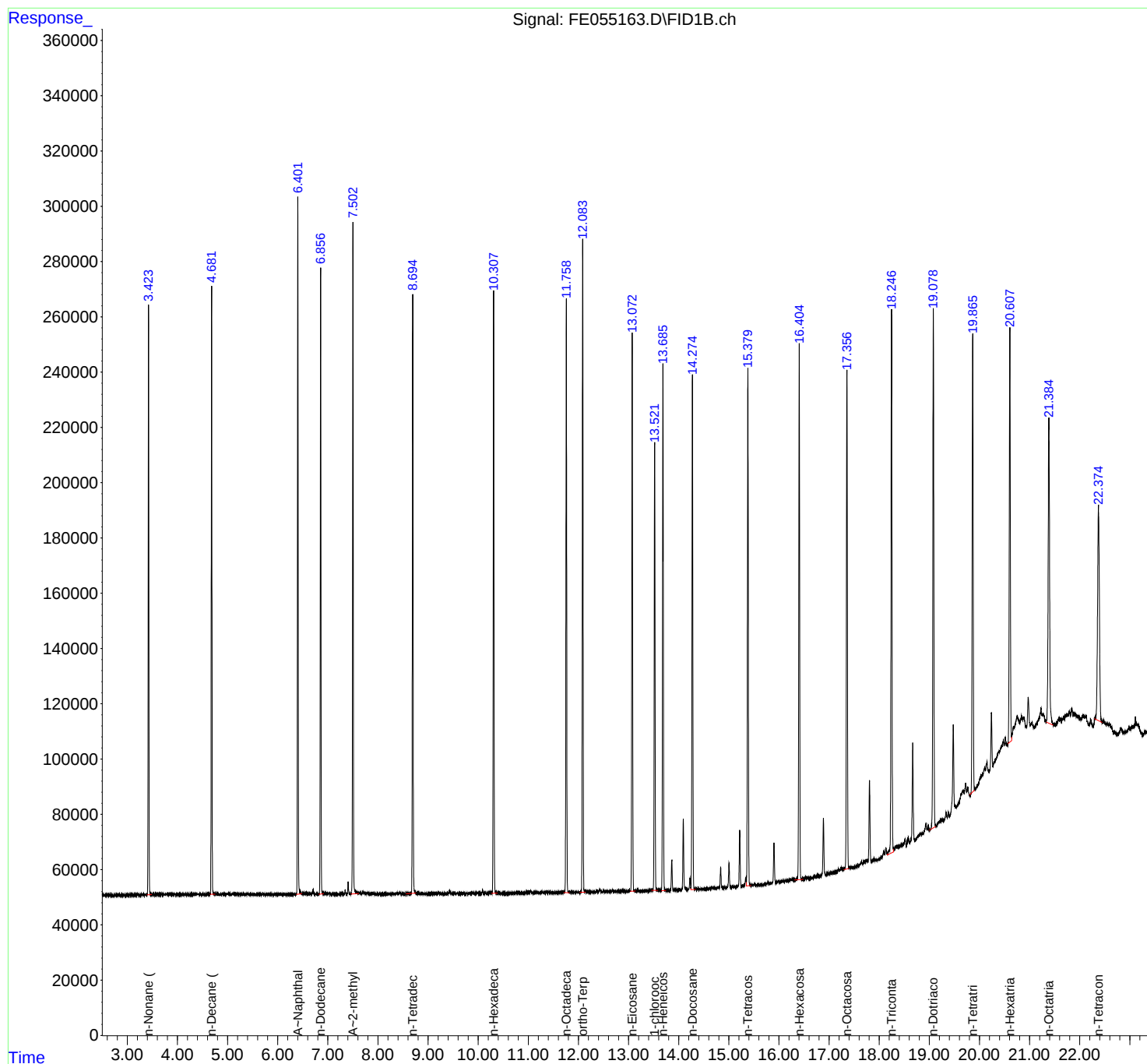
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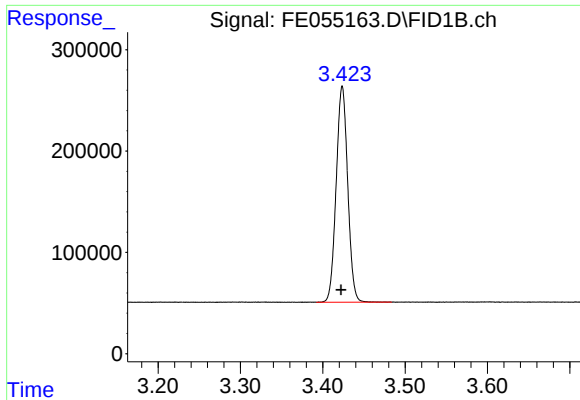
(m)=manual int.

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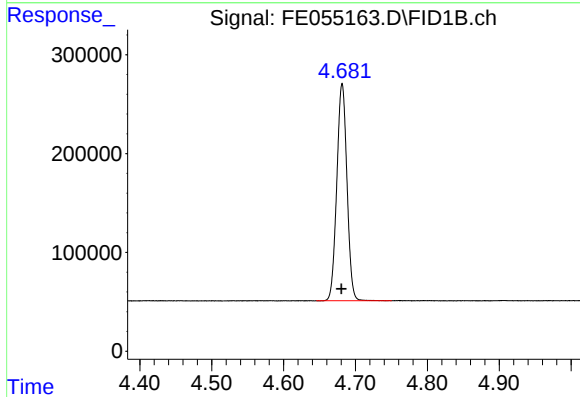
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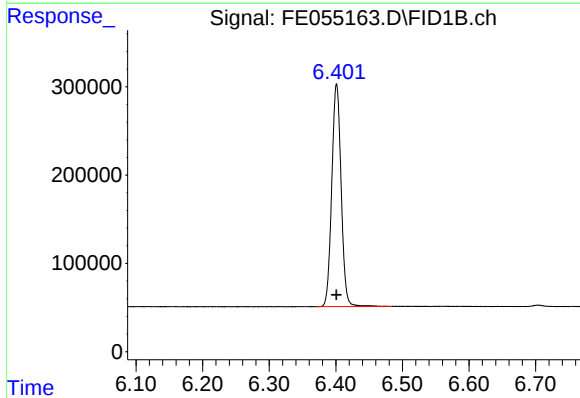
#1 n-Nonane (C9)

R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 2072495
Conc: 18.06 ug/ml



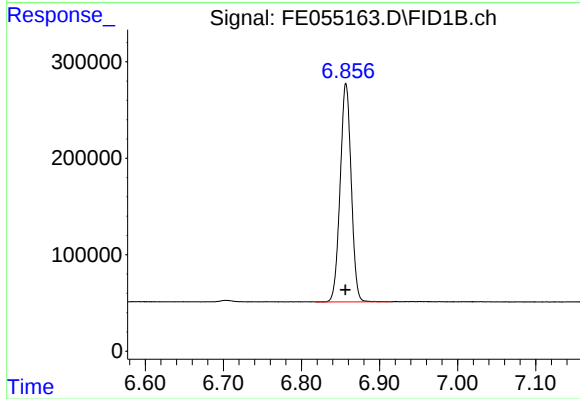
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 2157798
Conc: 18.52 ug/ml



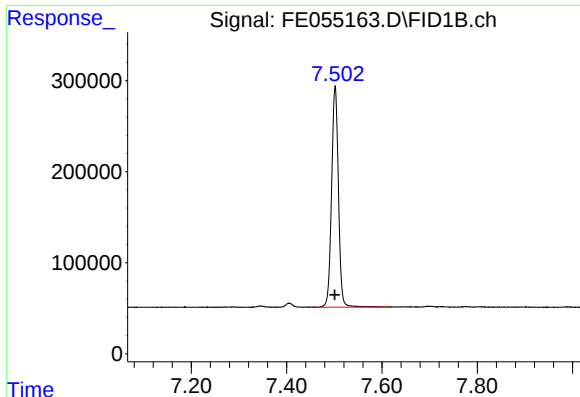
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2466572
Conc: 18.38 ug/ml



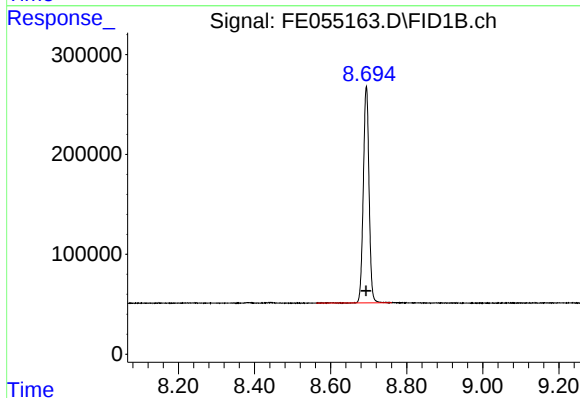
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2225242
Conc: 18.69 ug/ml



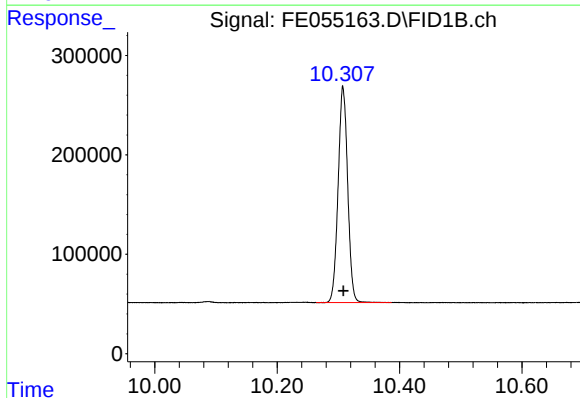
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 2402423
Conc: 18.43 ug/ml



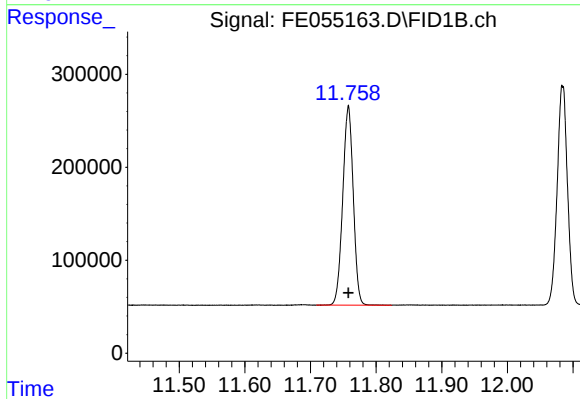
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2260957
Conc: 18.44 ug/ml



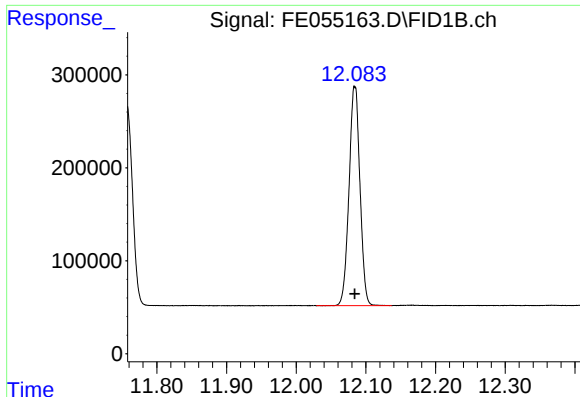
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 2354688
Conc: 18.42 ug/ml



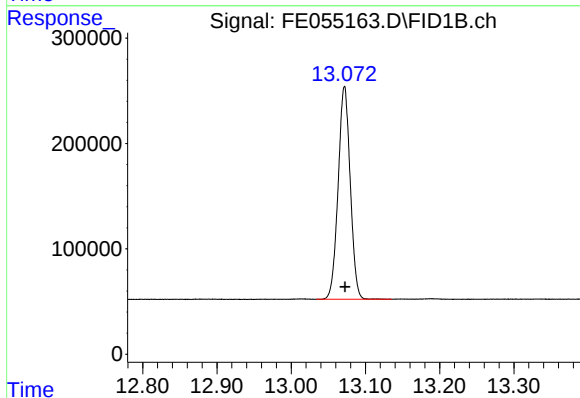
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 2385313
Conc: 18.28 ug/ml



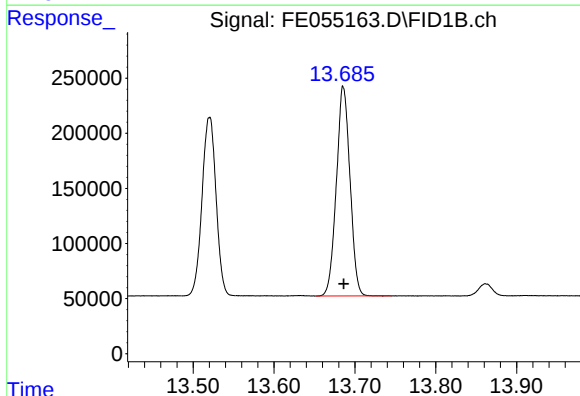
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 2571285
Conc: 18.01 ug/ml



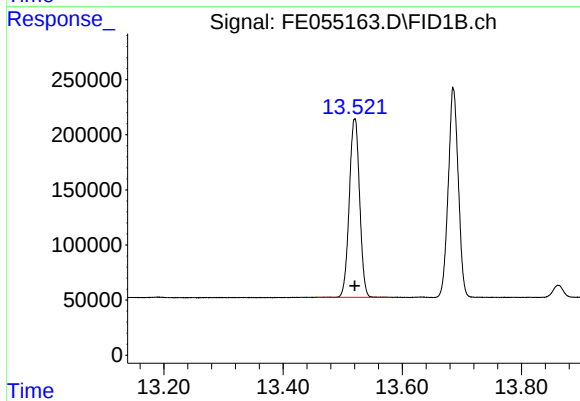
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2288048
Conc: 18.24 ug/ml



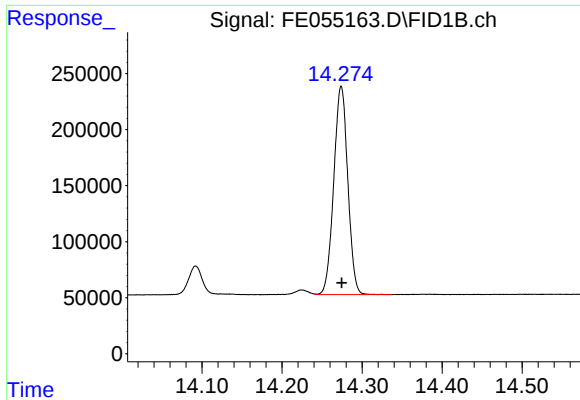
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2228495
Conc: 18.08 ug/ml



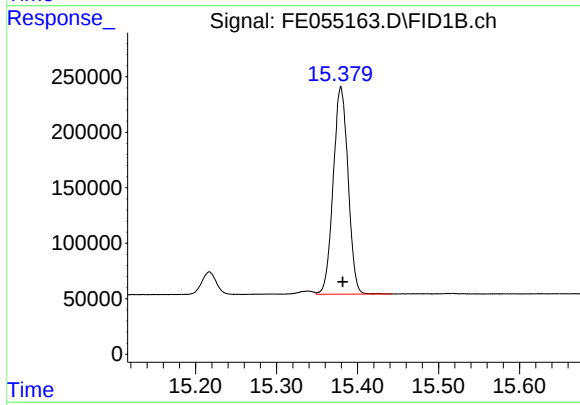
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 1953805
Conc: 18.17 ug/ml



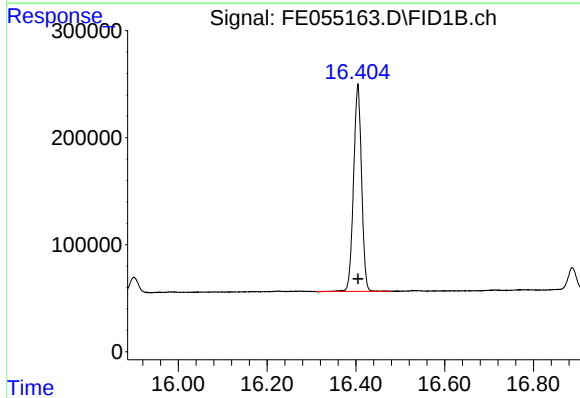
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.000 min
Response: 2265537
Conc: 18.55 ug/ml



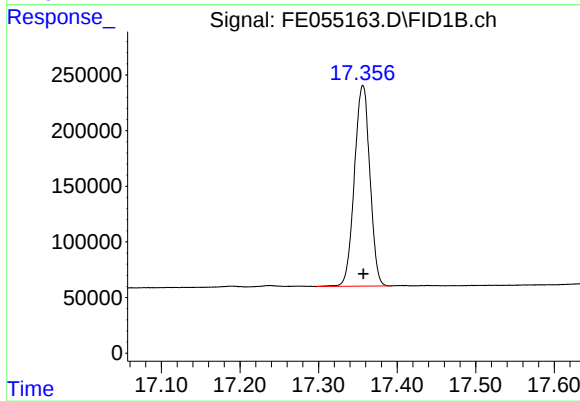
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 2377439
Conc: 19.55 ug/ml



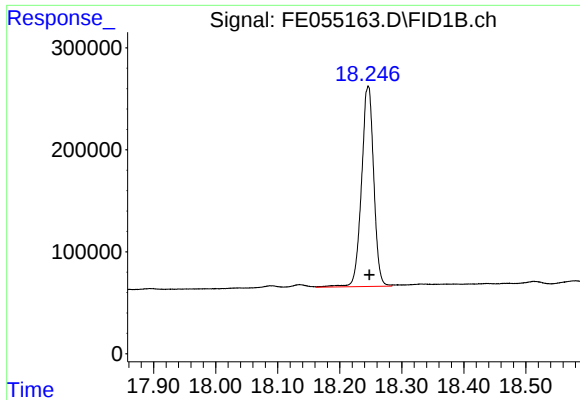
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: 0.000 min
Response: 2419028
Conc: 20.22 ug/ml



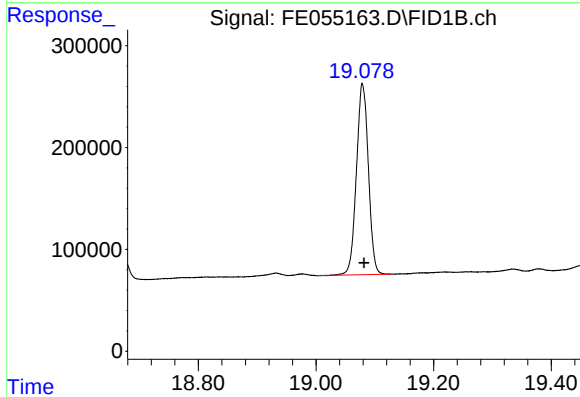
#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: 0.000 min
Response: 2469463
Conc: 20.82 ug/ml



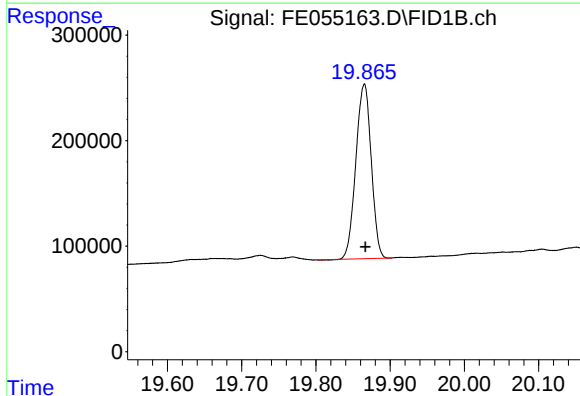
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2685161
Conc: 21.82 ug/ml



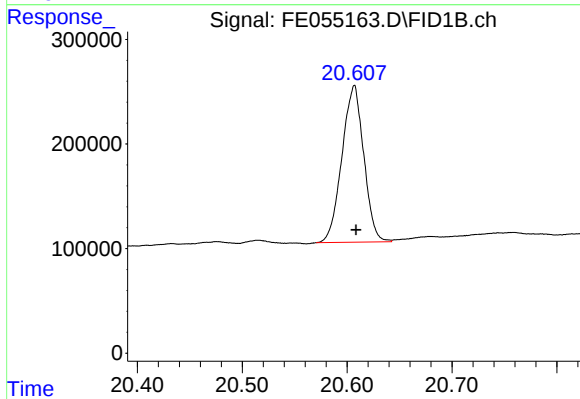
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 2647521
Conc: 21.70 ug/ml



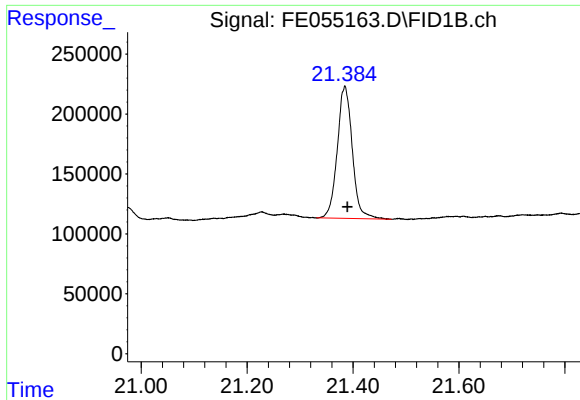
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 2379209
Conc: 20.35 ug/ml



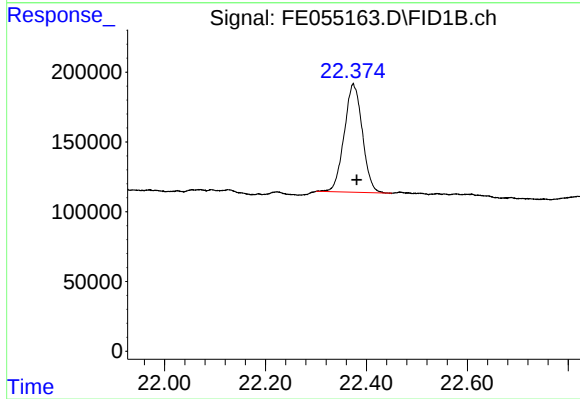
#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.002 min
Response: 2167307
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.005 min
Response: 2165879
Conc: 20.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.007 min
Response: 1936149
Conc: 18.51 ug/ml