

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080525AL\
 Data File : FE055141.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2025 20:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 00:55:27 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)	12.085	2648089	18.544 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.520	2019720	18.784 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.424	2105416	18.345 ug/ml
2) T n-Decane (C10)	4.682	2156195	18.509 ug/ml
3) T A~Naphthalene (C11.7)	6.401	2476721	18.451 ug/ml
4) T n-Dodecane (C12)	6.857	2204645	18.514 ug/ml
5) T A~2-methylnaphthalene...	7.502	2419335	18.556 ug/ml
6) T n-Tetradecane (C14)	8.694	2262907	18.456 ug/ml
7) T n-Hexadecane (C16)	10.309	2375632	18.582 ug/ml
8) T n-Octadecane (C18)	11.759	2437494	18.682 ug/ml
10) T n-Eicosane (C20)	13.072	2365567	18.853 ug/ml
11) T n-Heneicosane (C21)	13.687	2303703	18.689 ug/ml
13) T n-Docosane (C22)	14.275	2362339	19.344 ug/ml
14) T n-Tetracosane (C24)	15.381	2519218	20.712 ug/ml
15) T n-Hexacosane (C26)	16.405	2576888	21.538 ug/ml
16) T n-Octacosane (C28)	17.357	2641367	22.267 ug/ml
17) T n-Tricontane (C30)	18.246	2750330	22.352 ug/mlm
18) T n-Dotriacontane (C32)	19.082	2724670	22.331 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2427176	20.759 ug/mlm
20) T n-Hexatriacontane (C36)	20.606	2189722	20.034 ug/ml
21) T n-Octatriacontane (C38)	21.387	2074357	19.194 ug/mlm
22) T n-Tetracontane (C40)	22.375	2006451	19.187 ug/ml

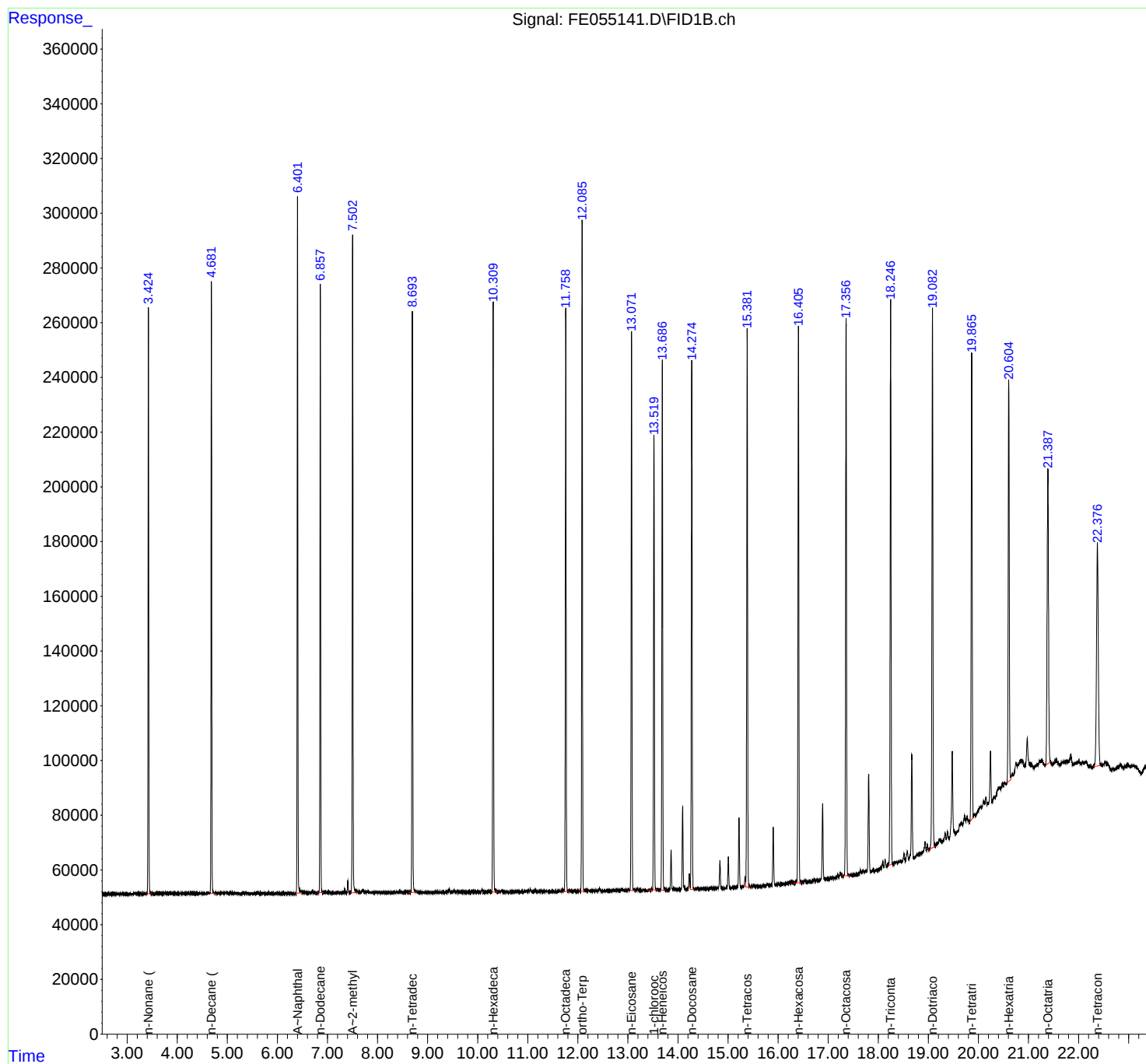
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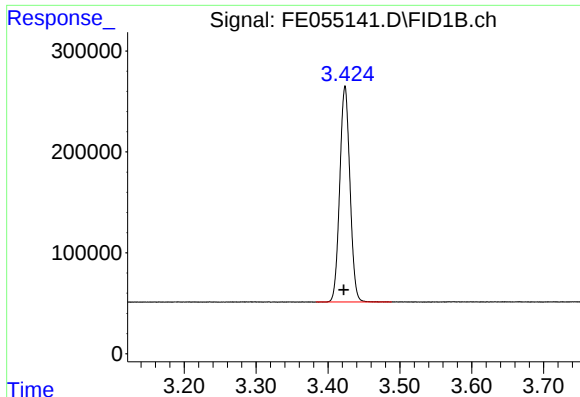
(m)=manual int.

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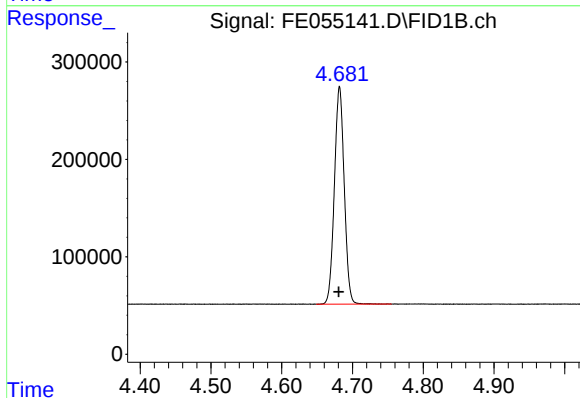
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Signal Info : 20M x 0.18mm x 0.18um





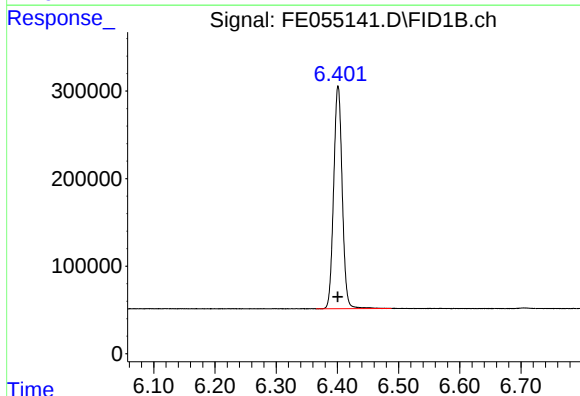
#1 n-Nonane (C9)

R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 2105416
Conc: 18.34 ug/ml



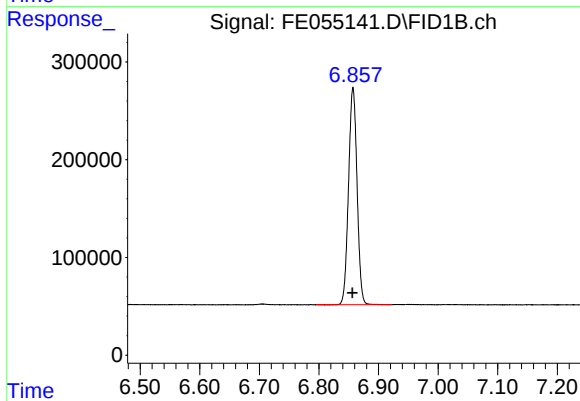
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.001 min
Response: 2156195
Conc: 18.51 ug/ml



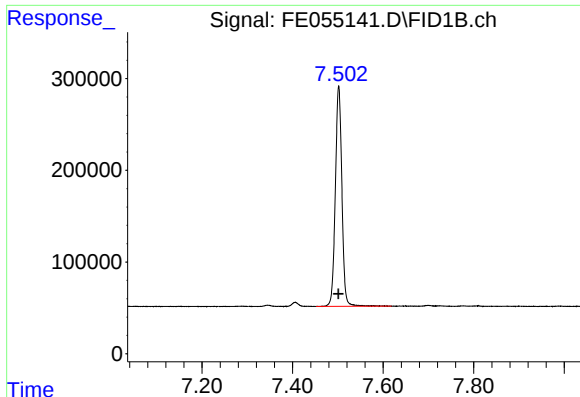
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2476721
Conc: 18.45 ug/ml



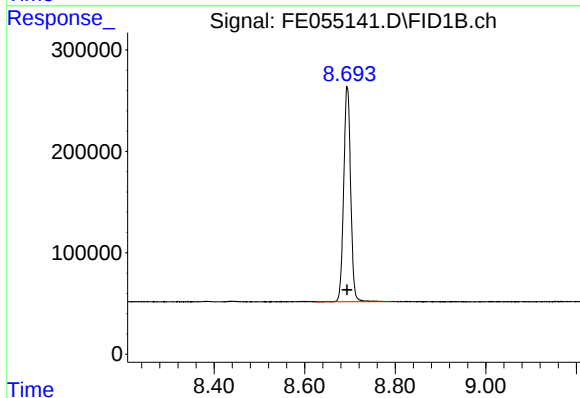
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2204645
Conc: 18.51 ug/ml



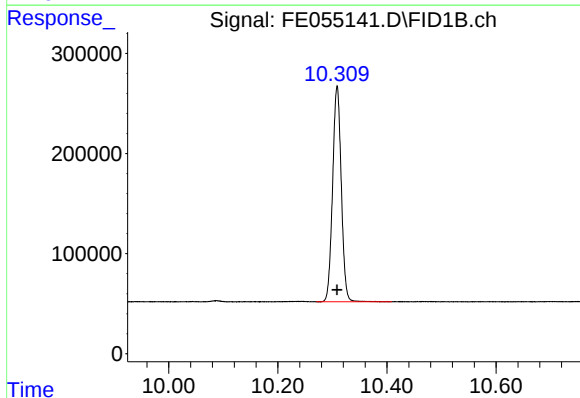
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 2419335
Conc: 18.56 ug/ml



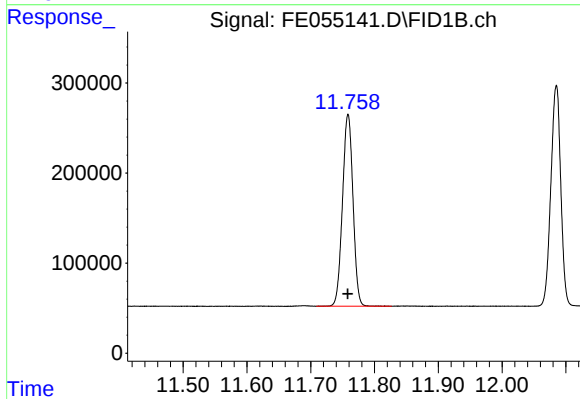
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2262907
Conc: 18.46 ug/ml



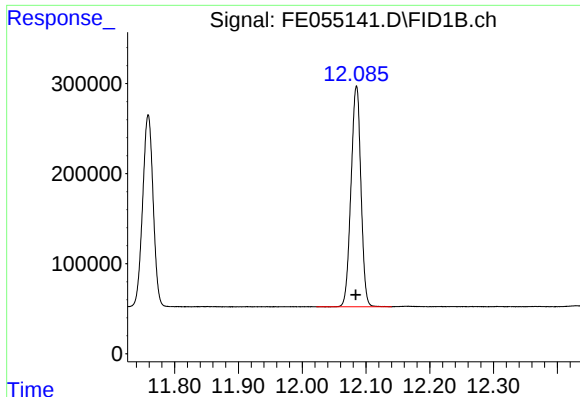
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2375632
Conc: 18.58 ug/ml



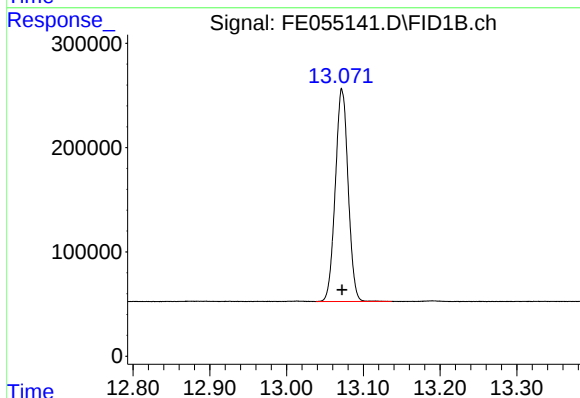
#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2437494
Conc: 18.68 ug/ml



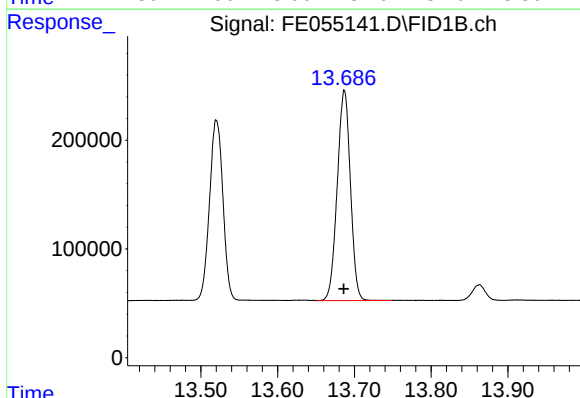
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 2648089
Conc: 18.54 ug/ml



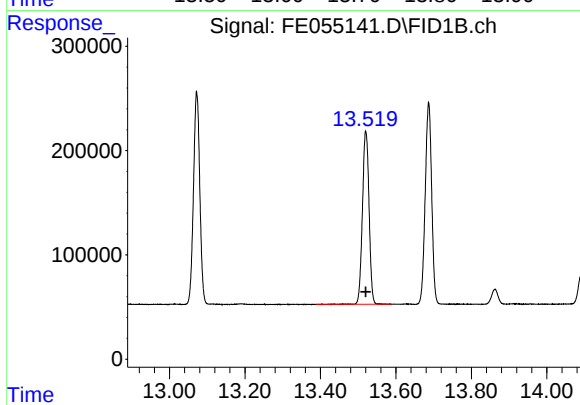
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2365567
Conc: 18.85 ug/ml



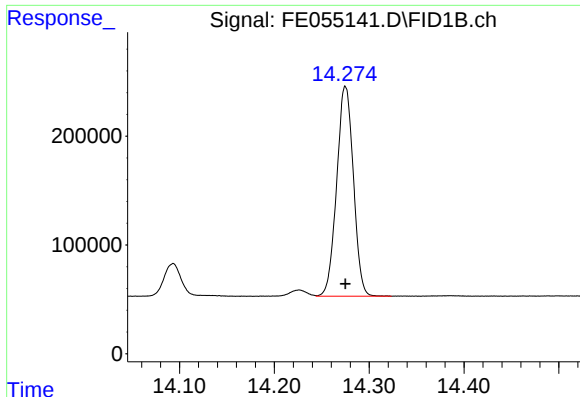
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2303703
Conc: 18.69 ug/ml



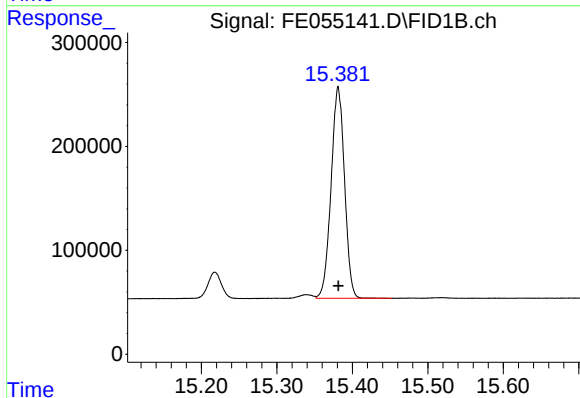
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2019720
Conc: 18.78 ug/ml



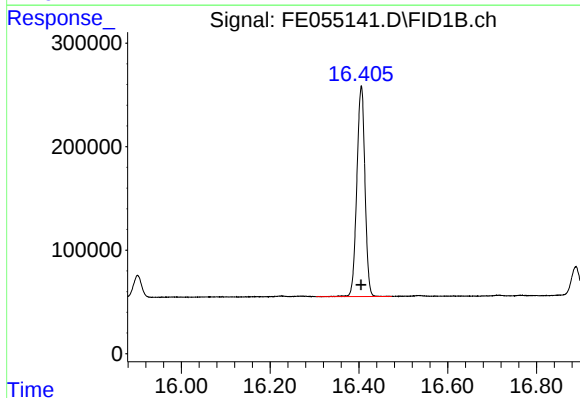
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2362339
Conc: 19.34 ug/ml



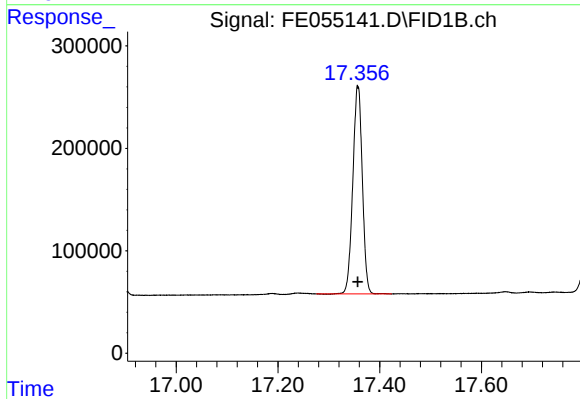
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 2519218
Conc: 20.71 ug/ml



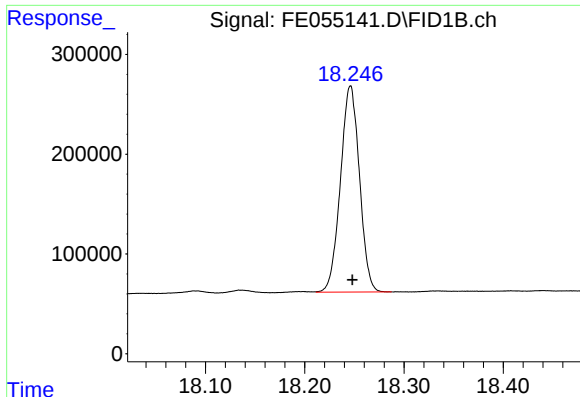
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2576888
Conc: 21.54 ug/ml



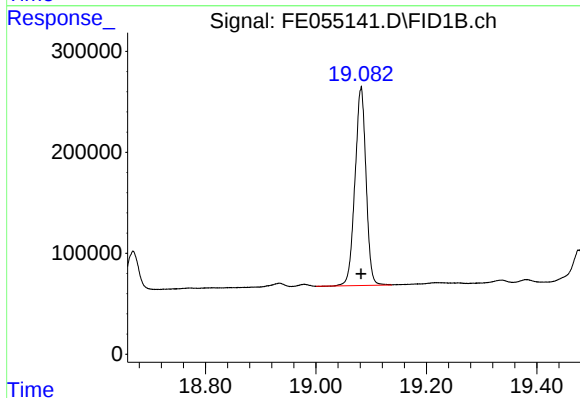
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 2641367
Conc: 22.27 ug/ml



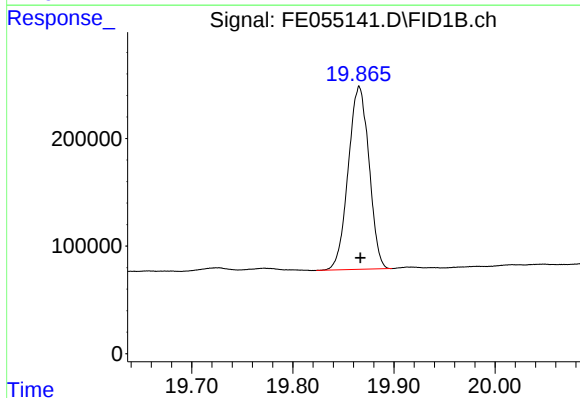
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2750330
Conc: 22.35 ug/ml m



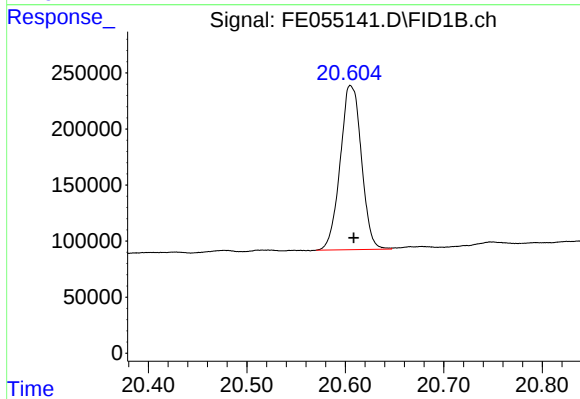
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 2724670
Conc: 22.33 ug/ml



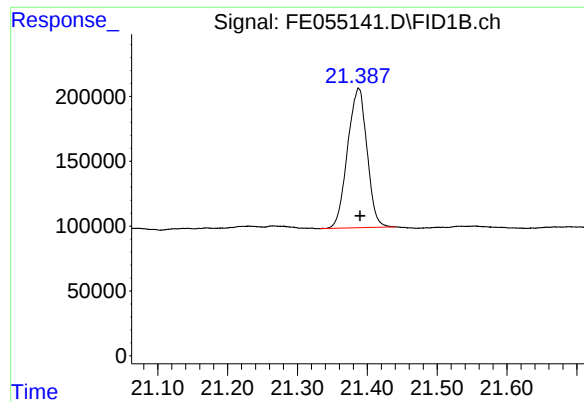
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 2427176
Conc: 20.76 ug/ml m



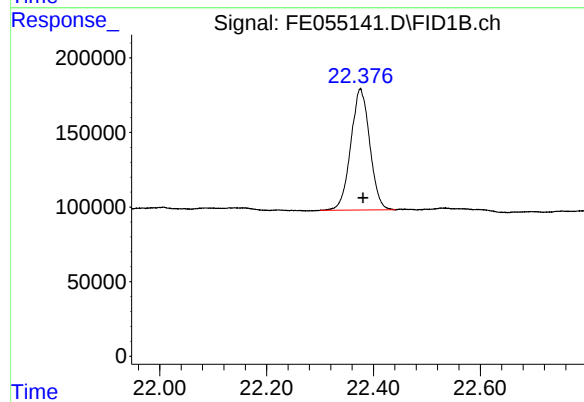
#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.002 min
Response: 2189722
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.387 min
Delta R.T.: -0.003 min
Response: 2074357
Conc: 19.19 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: -0.005 min
Response: 2006451
Conc: 19.19 ug/ml