

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055545.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 09:34
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:04:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 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)	12.086	15313716	93.459 ug/ml
Spiked Amount 50.000		Recovery =	186.92%
12) S 1-chlorooctadecane (S...	13.519	11795222	94.406 ug/ml
Spiked Amount 50.000		Recovery =	188.81%
Target Compounds			
1) T n-Nonane (C9)	3.417	11828350	93.483 ug/ml
2) T n-Decane (C10)	4.676	12034240	94.331 ug/ml
3) T A~Naphthalene (C11.7)	6.396	13856606	94.733 ug/ml
4) T n-Dodecane (C12)	6.853	12269318	94.318 ug/ml
5) T A~2-methylnaphthalene...	7.499	13568882	95.843 ug/ml
6) T n-Tetradecane (C14)	8.690	12358220	94.192 ug/ml
7) T n-Hexadecane (C16)	10.307	13100416	95.165 ug/ml
8) T n-Octadecane (C18)	11.758	13658190	94.035 ug/ml
10) T n-Eicosane (C20)	13.071	13479465	94.109 ug/ml
11) T n-Heneicosane (C21)	13.686	13396774	94.130 ug/ml
13) T n-Docosane (C22)	14.274	13403516	93.930 ug/ml
14) T n-Tetracosane (C24)	15.381	13447515	93.151 ug/ml
15) T n-Hexacosane (C26)	16.405	13239746	92.937 ug/ml
16) T n-Octacosane (C28)	17.357	13045736	92.287 ug/ml
17) T n-Tricontane (C30)	18.247	13338524	90.923 ug/ml
18) T n-Dotriacontane (C32)	19.082	13157990	90.097 ug/ml
19) T n-Tetratriacontane (C34)	19.866	12802849	91.142 ug/ml
20) T n-Hexatriacontane (C36)	20.607	12140628	92.667 ug/ml
21) T n-Octatriacontane (C38)	21.386	11994777	94.464 ug/ml
22) T n-Tetracontane (C40)	22.376	11662383	95.080 ug/ml

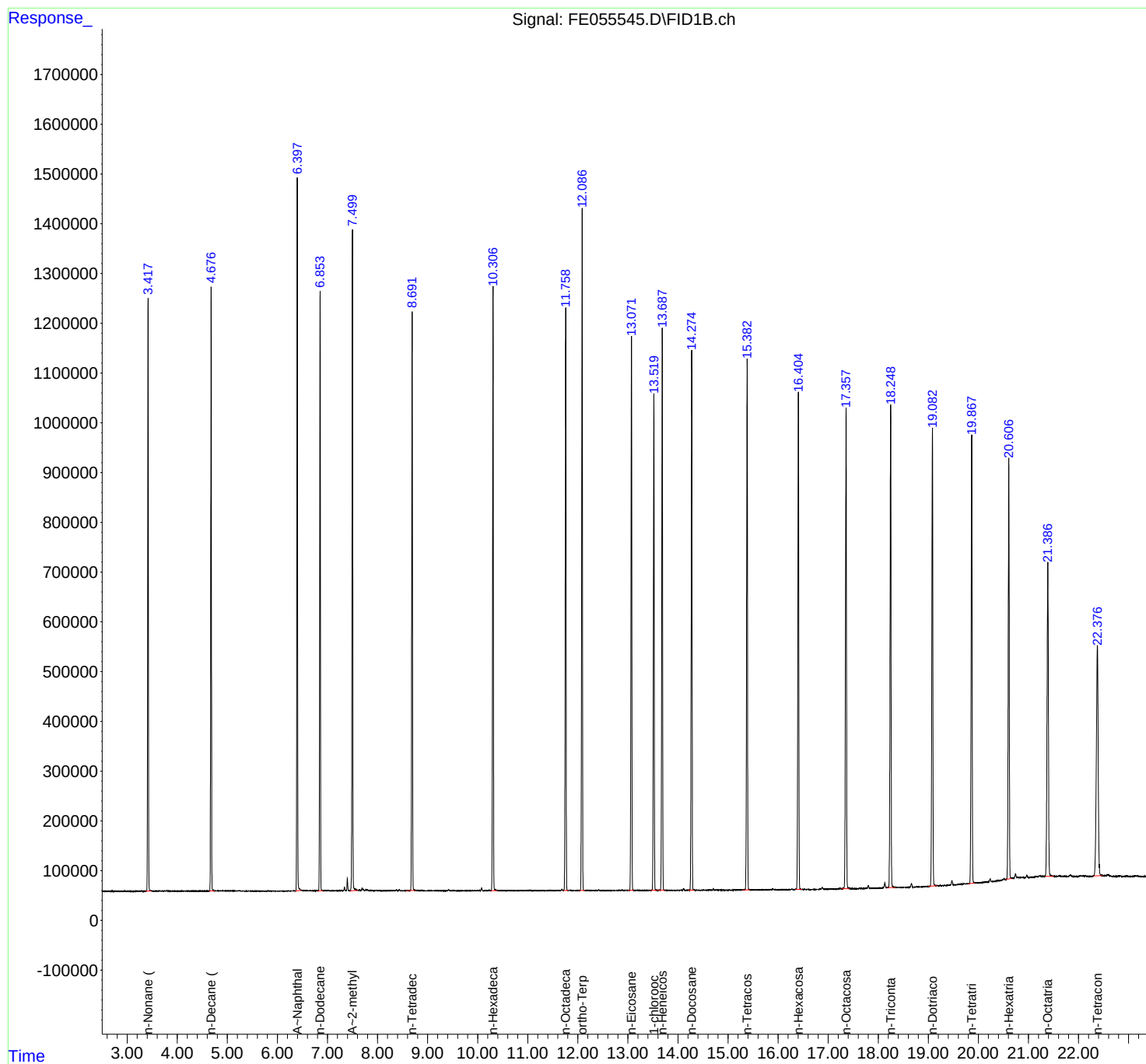
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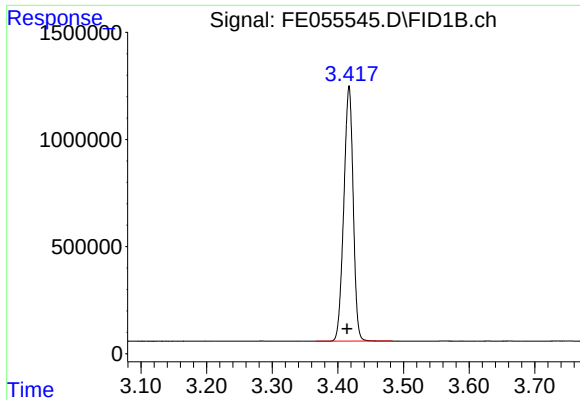
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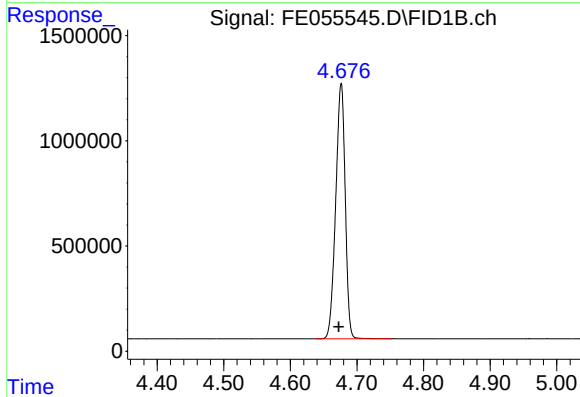
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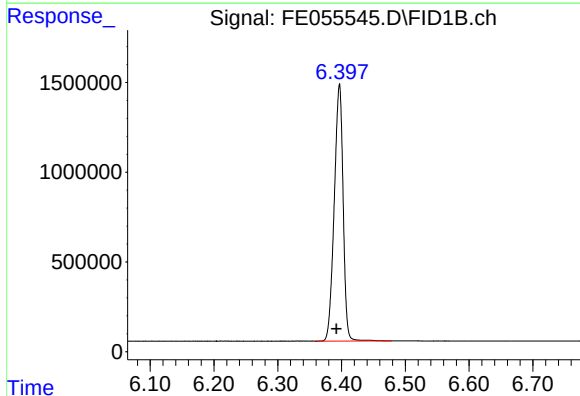
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.003 min
Response: 11828350
Conc: 93.48 ug/ml



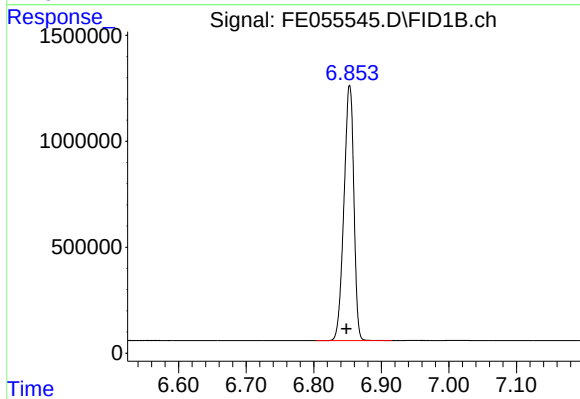
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.003 min
Response: 12034240
Conc: 94.33 ug/ml



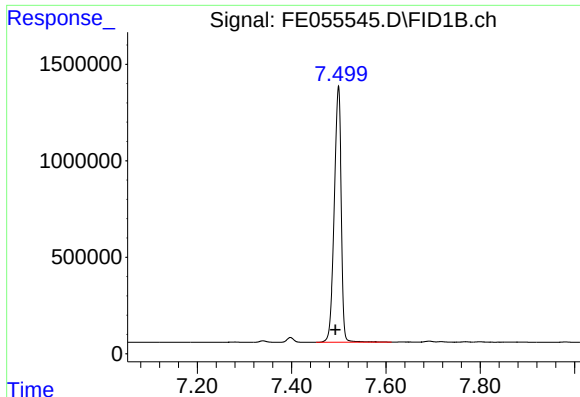
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.004 min
Response: 13856606
Conc: 94.73 ug/ml



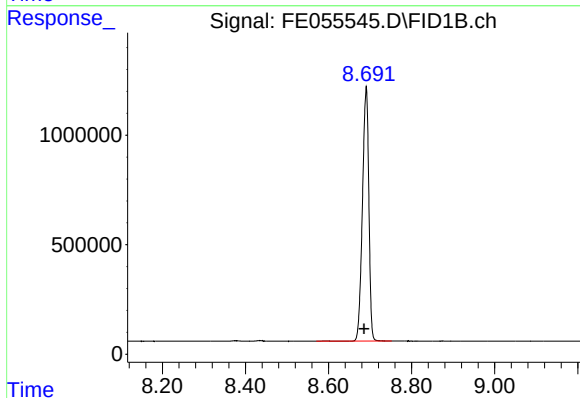
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.005 min
Response: 12269318
Conc: 94.32 ug/ml



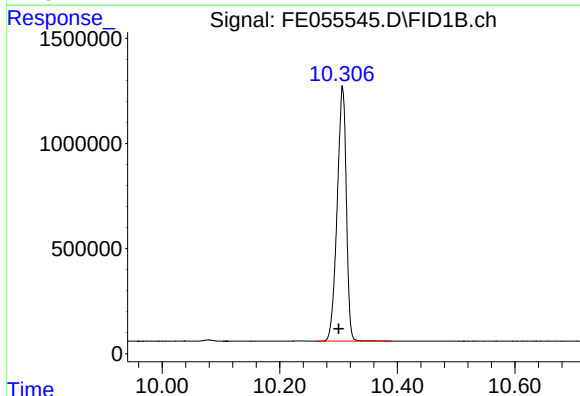
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 13568882
Conc: 95.84 ug/ml



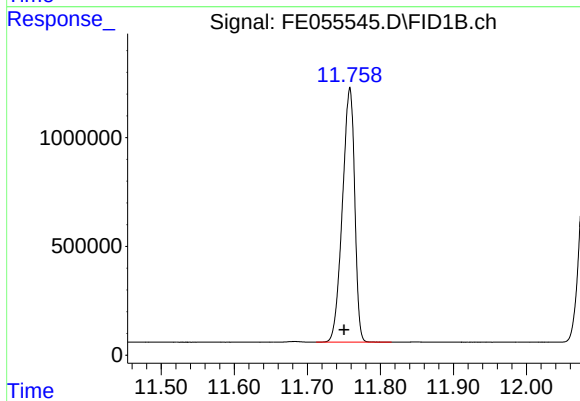
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.005 min
Response: 12358220
Conc: 94.19 ug/ml



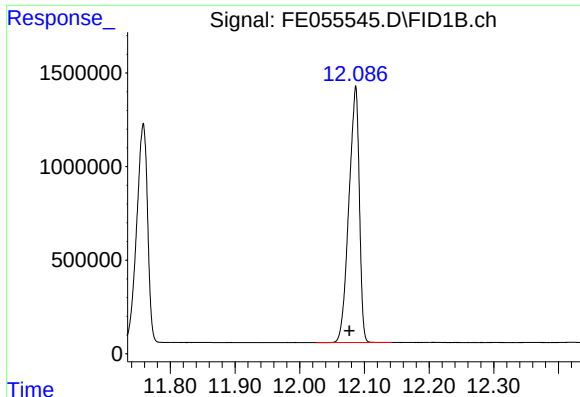
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: 0.006 min
Response: 13100416
Conc: 95.17 ug/ml



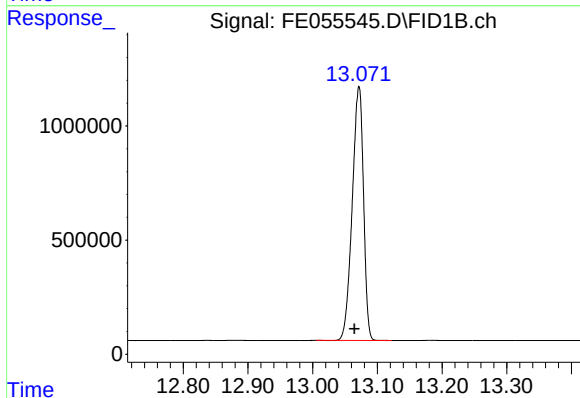
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.008 min
Response: 13658190
Conc: 94.03 ug/ml



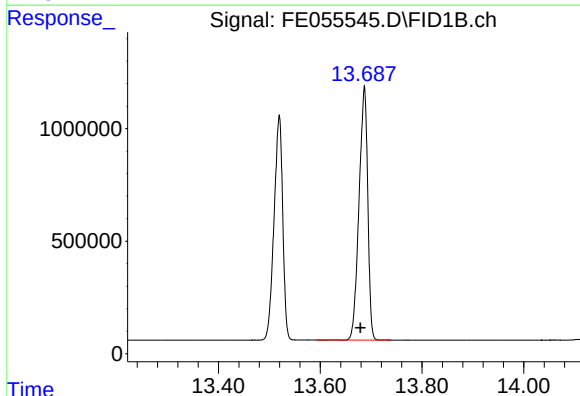
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.009 min
Response: 15313716
Conc: 93.46 ug/ml



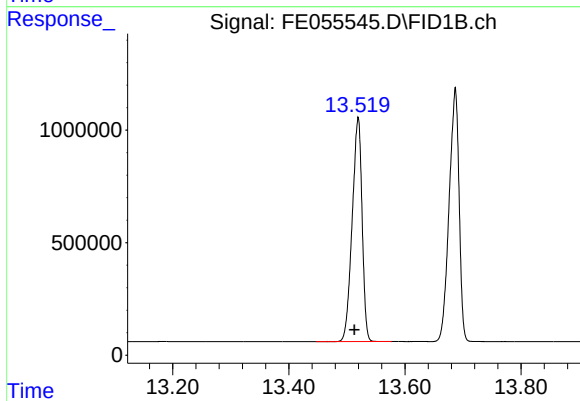
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.007 min
Response: 13479465
Conc: 94.11 ug/ml



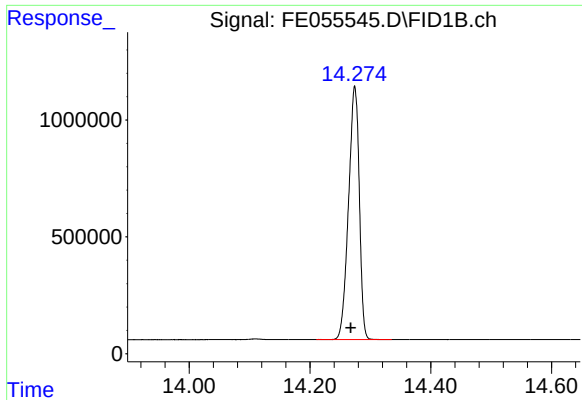
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.008 min
Response: 13396774
Conc: 94.13 ug/ml



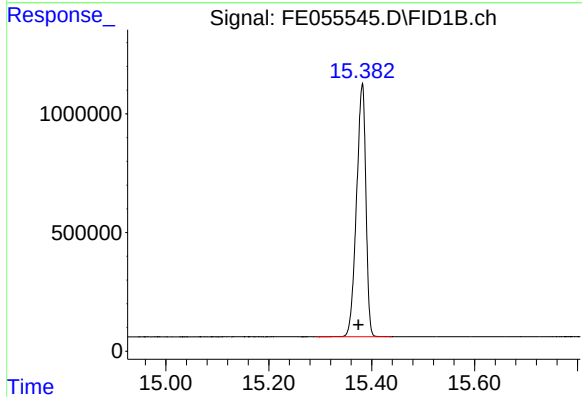
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: 0.006 min
Response: 11795222
Conc: 94.41 ug/ml



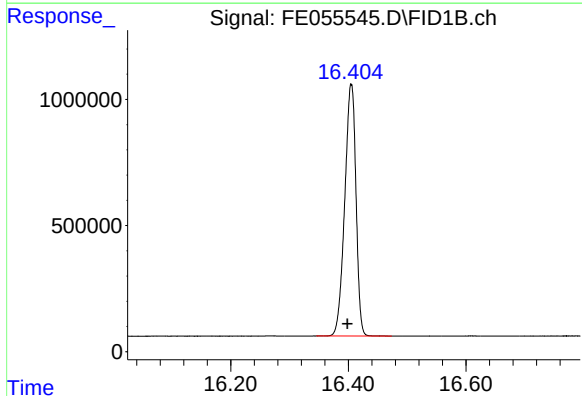
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.007 min
Response: 13403516
Conc: 93.93 ug/ml



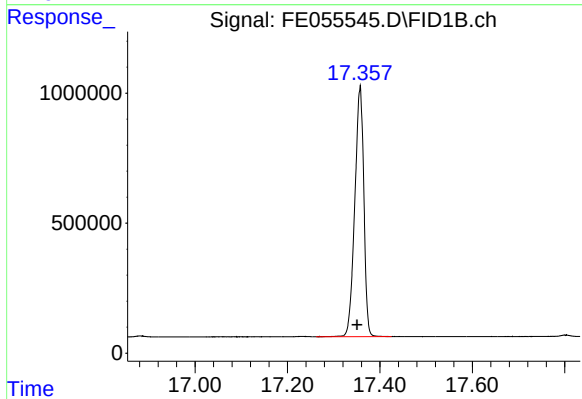
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.007 min
Response: 13447515
Conc: 93.15 ug/ml



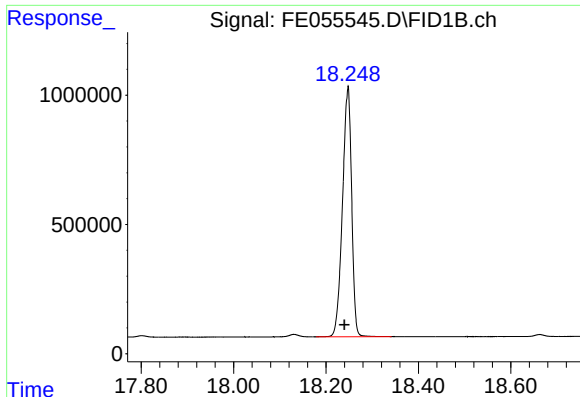
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.006 min
Response: 13239746
Conc: 92.94 ug/ml



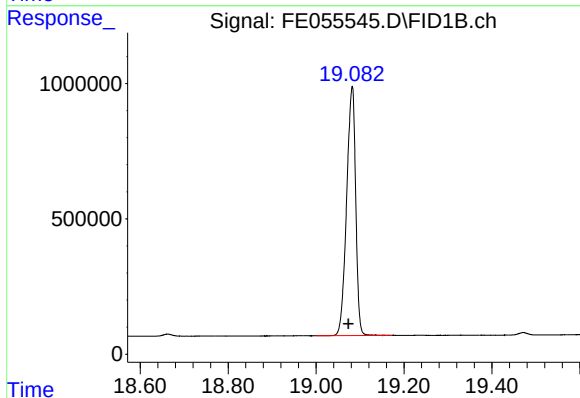
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.007 min
Response: 13045736
Conc: 92.29 ug/ml



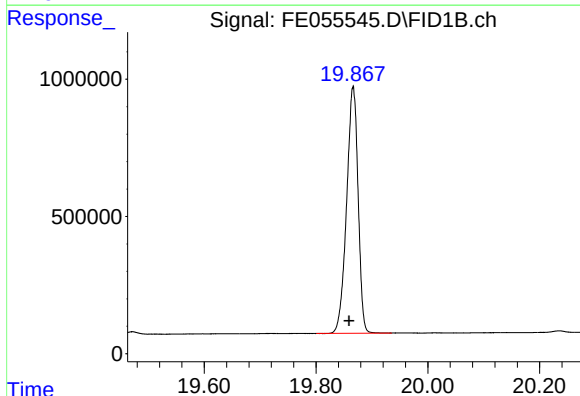
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.008 min
Response: 13338524
Conc: 90.92 ug/ml



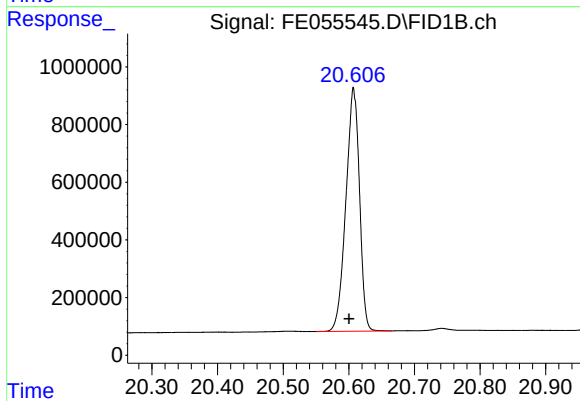
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.008 min
Response: 13157990
Conc: 90.10 ug/ml



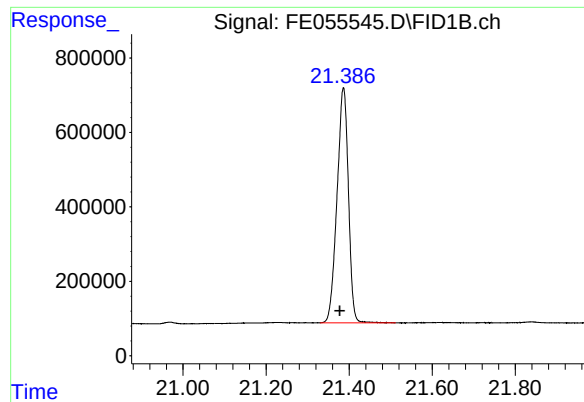
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.007 min
Response: 12802849
Conc: 91.14 ug/ml



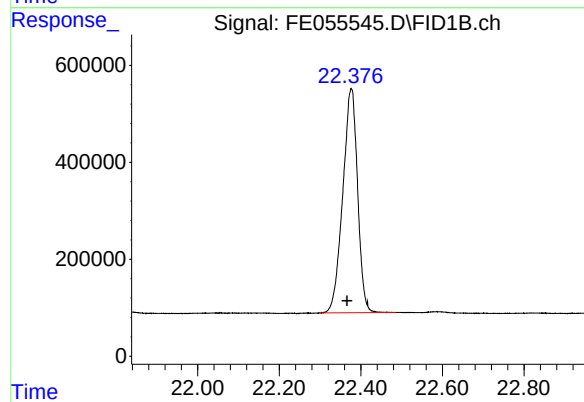
#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.007 min
Response: 12140628
Conc: 92.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: 0.009 min
Response: 11994777
Conc: 94.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: 0.010 min
Response: 11662383
Conc: 95.08 ug/ml