

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055147.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 13:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:22:47 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)	12.087	2692509	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.522	2043926	19.009 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.428	2107905	18.366 ug/ml
2) T n-Decane (C10)	4.686	2159979	18.541 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2484360	18.508 ug/ml
4) T n-Dodecane (C12)	6.861	2208279	18.544 ug/ml
5) T A~2-methylnaphthalene...	7.505	2410318	18.486 ug/ml
6) T n-Tetradecane (C14)	8.697	2243483	18.298 ug/ml
7) T n-Hexadecane (C16)	10.312	2407683	18.833 ug/ml
8) T n-Octadecane (C18)	11.761	2463837	18.884 ug/ml
10) T n-Eicosane (C20)	13.075	2405441	19.171 ug/ml
11) T n-Heneicosane (C21)	13.689	2353386	19.092 ug/ml
13) T n-Docosane (C22)	14.277	2412937	19.759 ug/ml
14) T n-Tetracosane (C24)	15.383	2580287	21.214 ug/ml
15) T n-Hexacosane (C26)	16.406	2640495	22.069 ug/ml
16) T n-Octacosane (C28)	17.358	2724282	22.966 ug/ml
17) T n-Tricontane (C30)	18.249	2854704	23.200 ug/ml
18) T n-Dotriacontane (C32)	19.083	2788263	22.853 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2512895	21.493 ug/ml
20) T n-Hexatriacontane (C36)	20.609	2252620	20.610 ug/ml
21) T n-Octatriacontane (C38)	21.388	2109946	19.524 ug/ml
22) T n-Tetracontane (C40)	22.380	2050008	19.603 ug/ml

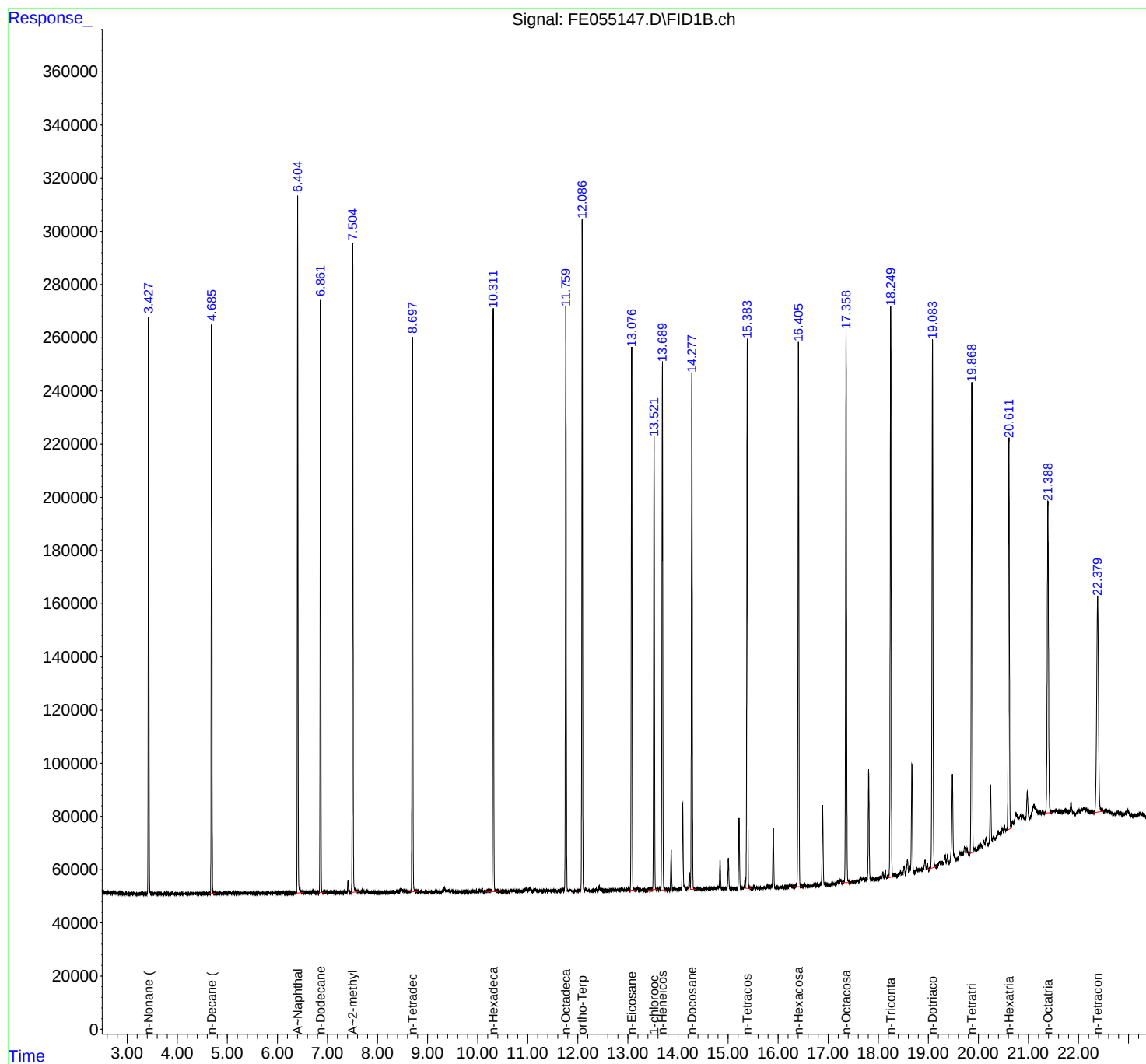
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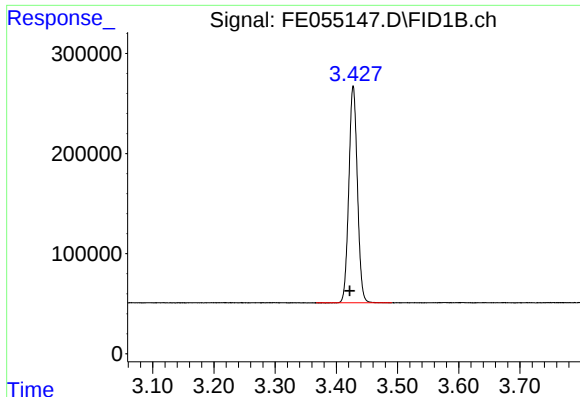
(m)=manual int.

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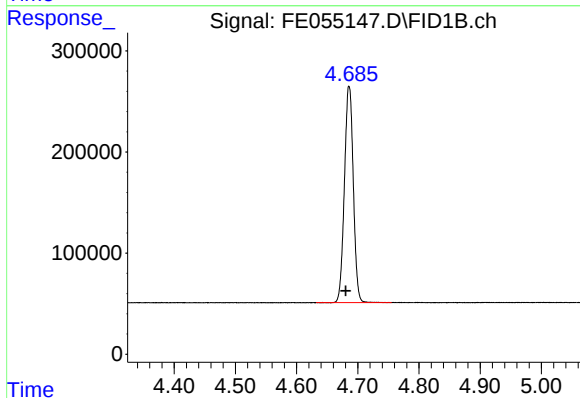
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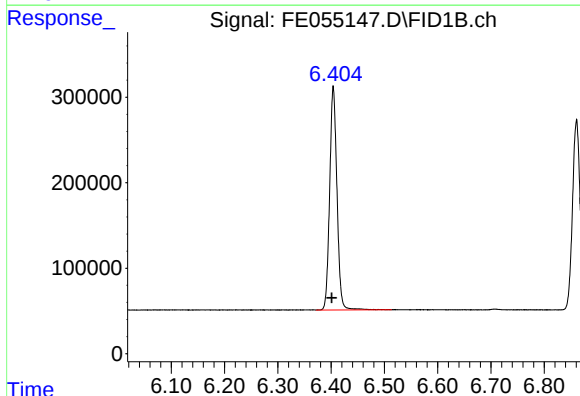
#1 n-Nonane (C9)

R.T.: 3.428 min
Delta R.T.: 0.006 min
Response: 2107905
Conc: 18.37 ug/ml



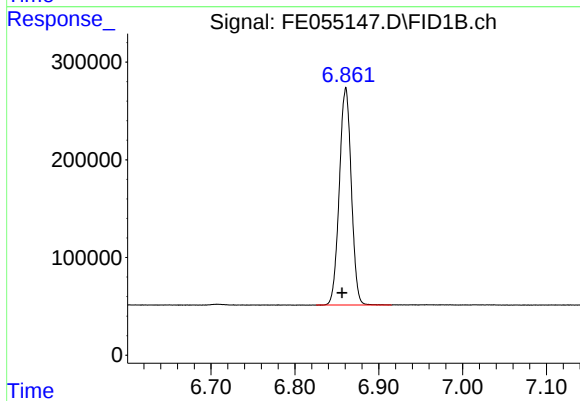
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.005 min
Response: 2159979
Conc: 18.54 ug/ml



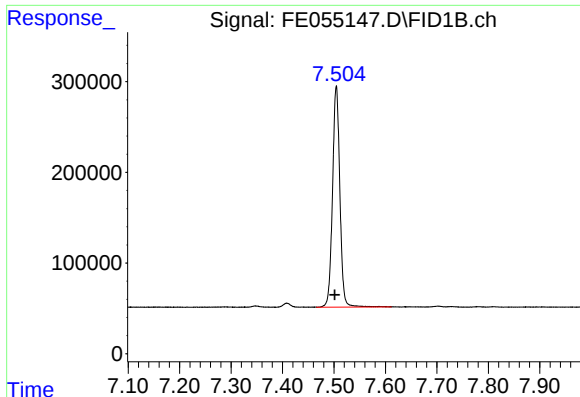
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 2484360
Conc: 18.51 ug/ml



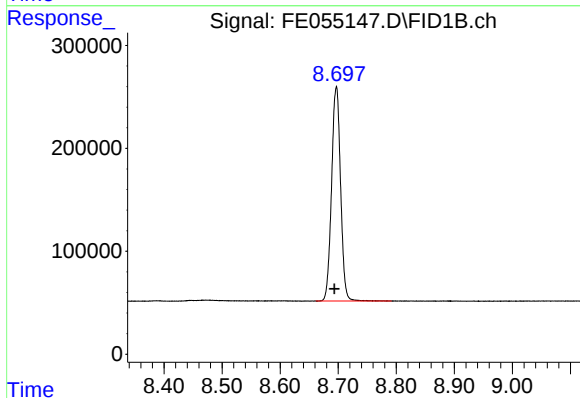
#4 n-Dodecane (C12)

R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 2208279
Conc: 18.54 ug/ml



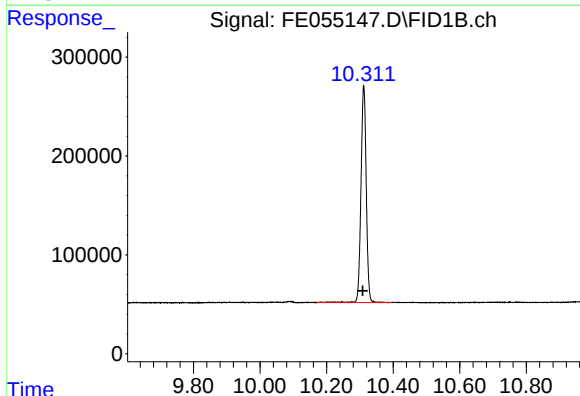
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.505 min
Delta R.T.: 0.003 min
Response: 2410318
Conc: 18.49 ug/ml



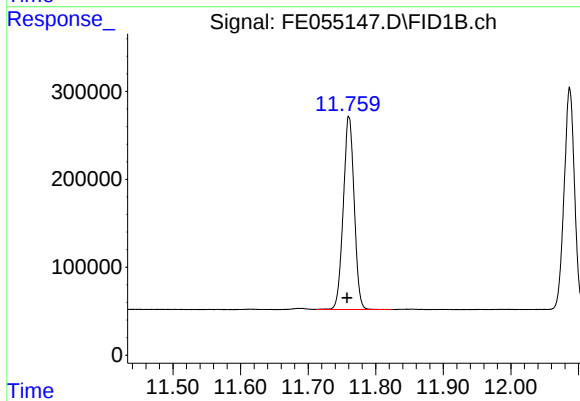
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 2243483
Conc: 18.30 ug/ml



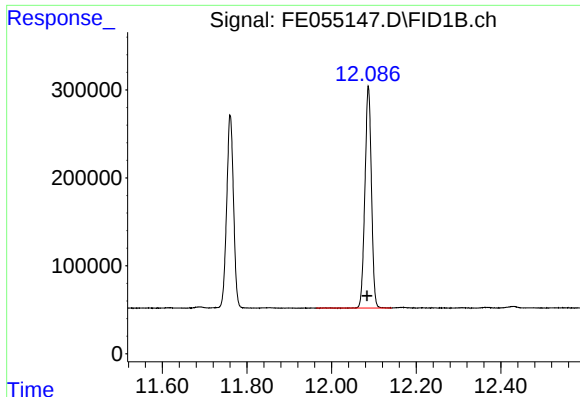
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 2407683
Conc: 18.83 ug/ml



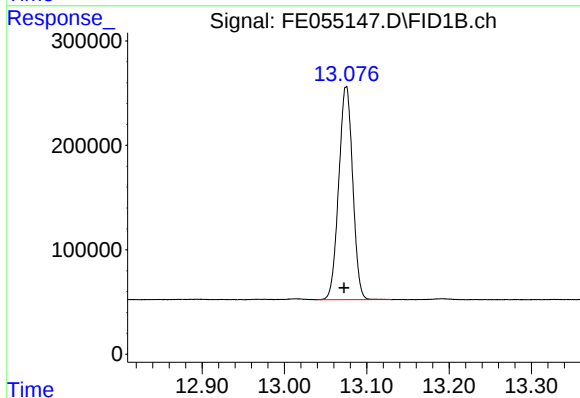
#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 2463837
Conc: 18.88 ug/ml



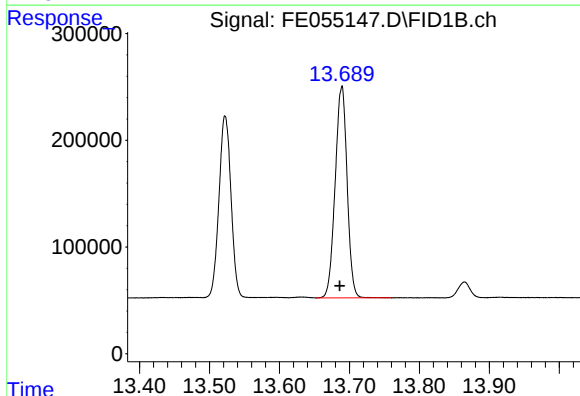
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 2692509
Conc: 18.85 ug/ml



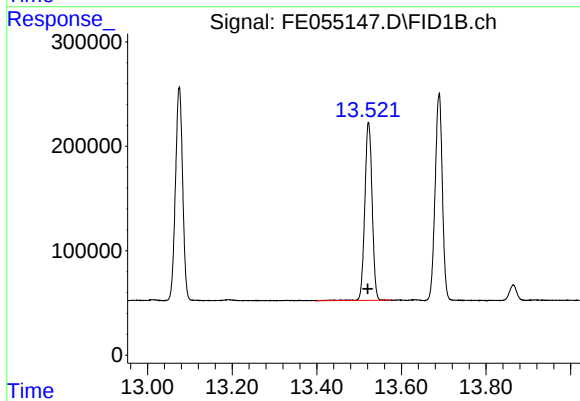
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 2405441
Conc: 19.17 ug/ml



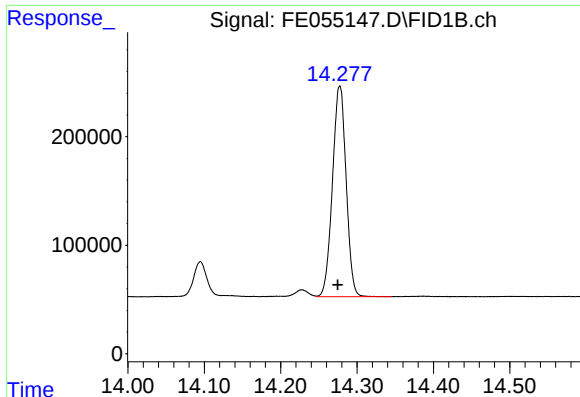
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 2353386
Conc: 19.09 ug/ml



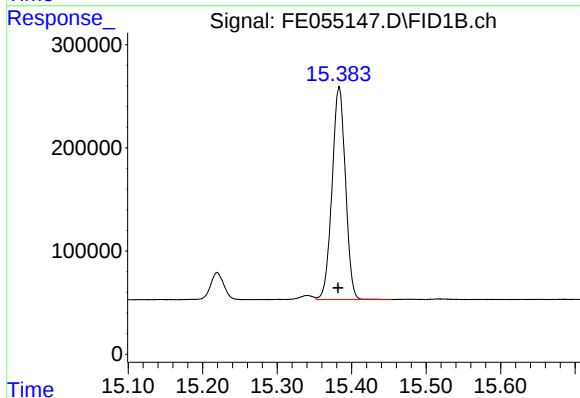
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2043926
Conc: 19.01 ug/ml



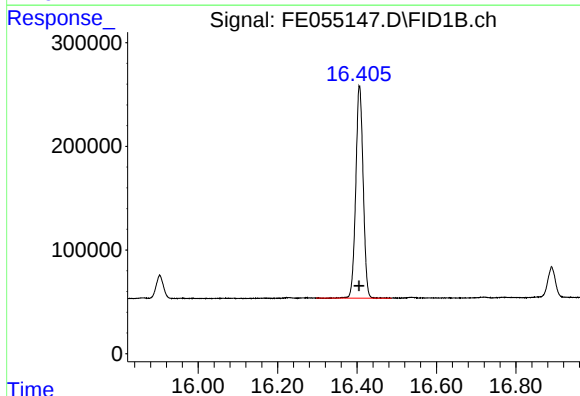
#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 2412937
Conc: 19.76 ug/ml



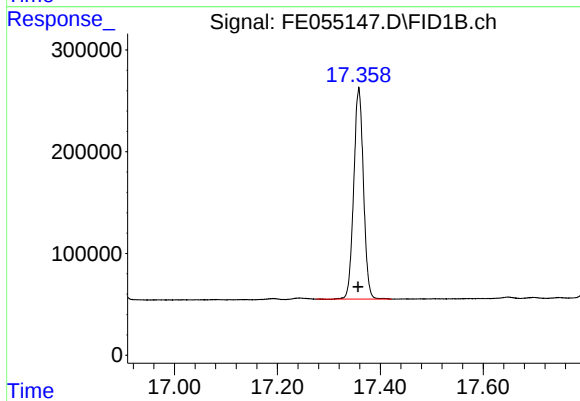
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 2580287
Conc: 21.21 ug/ml



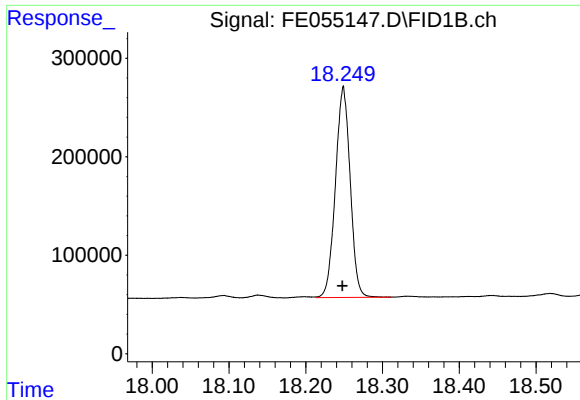
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 2640495
Conc: 22.07 ug/ml



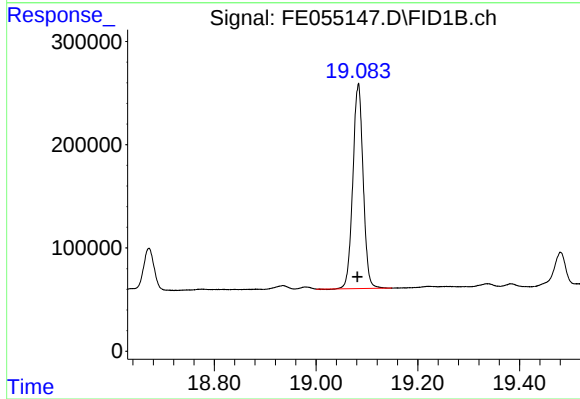
#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 2724282
Conc: 22.97 ug/ml



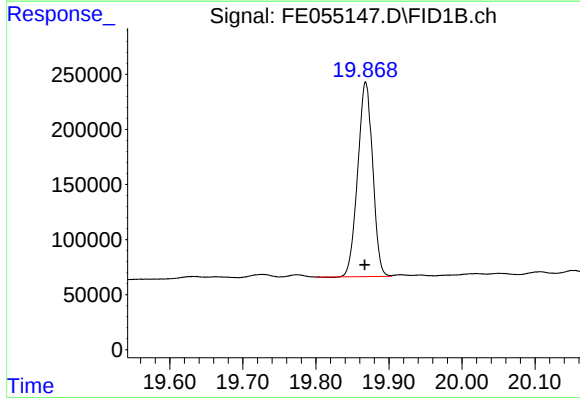
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 2854704
Conc: 23.20 ug/ml



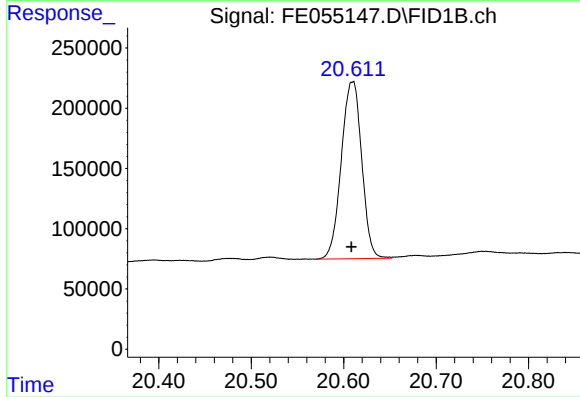
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 2788263
Conc: 22.85 ug/ml



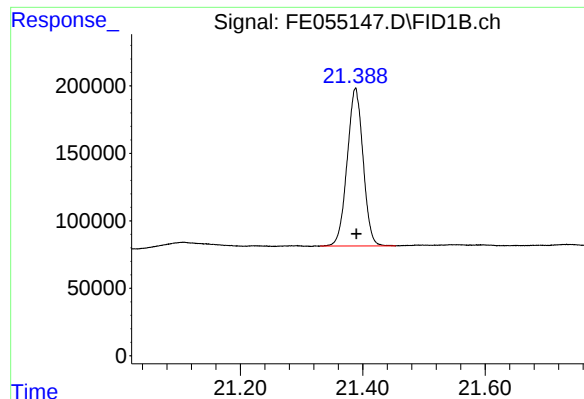
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 2512895
Conc: 21.49 ug/ml



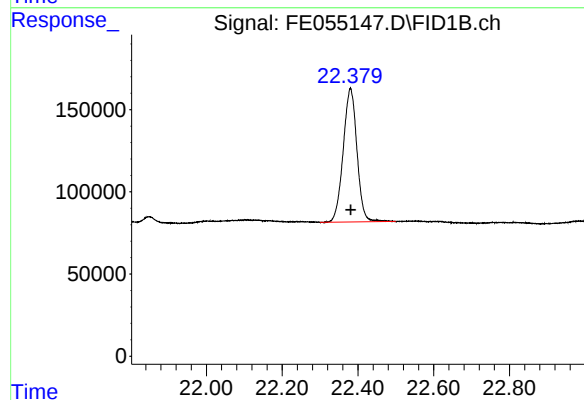
#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2252620
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: -0.001 min
Response: 2109946
Conc: 19.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.000 min
Response: 2050008
Conc: 19.60 ug/ml