

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055144.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 07:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:21:31 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	2689858	18.836 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
12) S 1-chlorooctadecane (S...	13.520	2036530	18.940 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.425	2123206	18.500 ug/ml
2) T n-Decane (C10)	4.683	2175495	18.674 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2497379	18.605 ug/ml
4) T n-Dodecane (C12)	6.858	2224672	18.682 ug/ml
5) T A~2-methylnaphthalene...	7.503	2434729	18.674 ug/ml
6) T n-Tetradecane (C14)	8.694	2278440	18.583 ug/ml
7) T n-Hexadecane (C16)	10.309	2396773	18.748 ug/ml
8) T n-Octadecane (C18)	11.759	2463004	18.877 ug/ml
10) T n-Eicosane (C20)	13.073	2400792	19.134 ug/ml
11) T n-Heneicosane (C21)	13.687	2342232	19.001 ug/ml
13) T n-Docosane (C22)	14.275	2408188	19.720 ug/ml
14) T n-Tetracosane (C24)	15.381	2566567	21.101 ug/ml
15) T n-Hexacosane (C26)	16.405	2638118	22.049 ug/ml
16) T n-Octacosane (C28)	17.357	2706534	22.816 ug/ml
17) T n-Tricontane (C30)	18.247	2824280	22.953 ug/ml
18) T n-Dotriacontane (C32)	19.081	2770509	22.707 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2496949	21.356 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2240824	20.502 ug/ml
21) T n-Octatriacontane (C38)	21.386	2137867	19.782 ug/ml
22) T n-Tetracontane (C40)	22.376	1997956	19.106 ug/ml

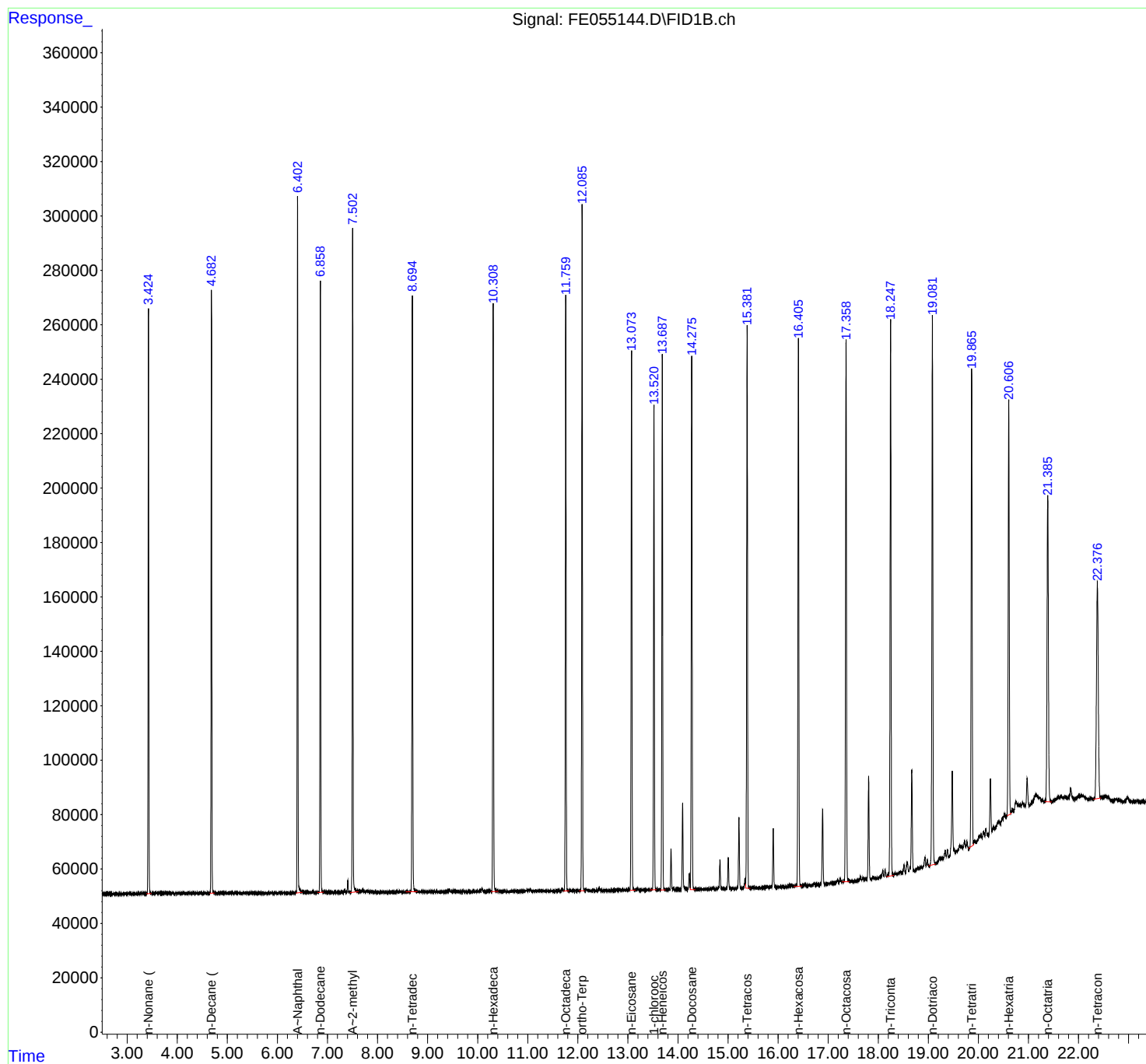
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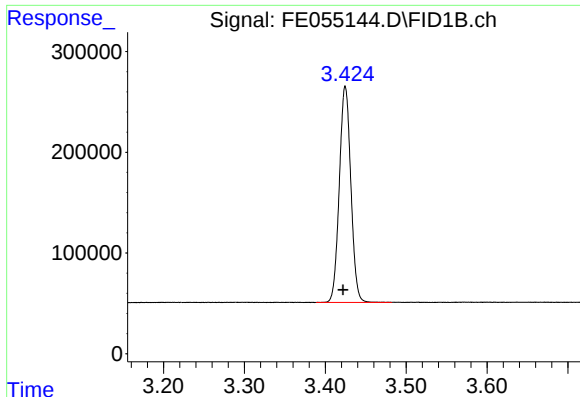
(m)=manual int.

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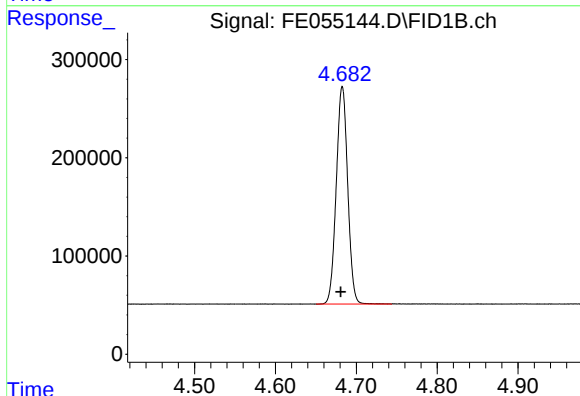
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Signal Info : 20M x 0.18mm x 0.18um





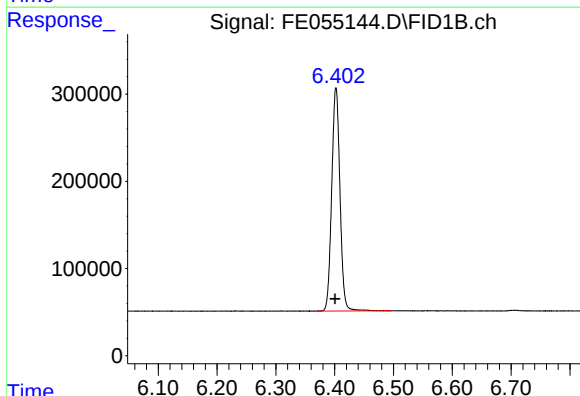
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.003 min
Response: 2123206
Conc: 18.50 ug/ml



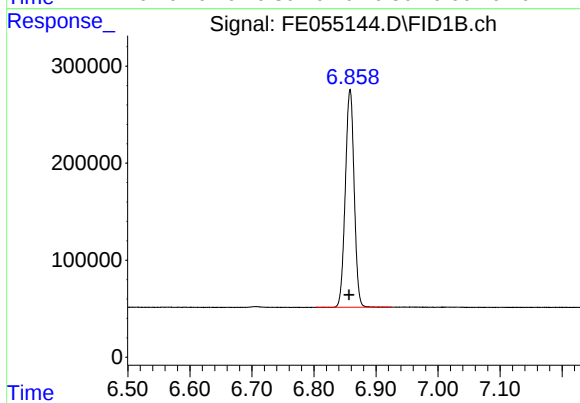
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.002 min
Response: 2175495
Conc: 18.67 ug/ml



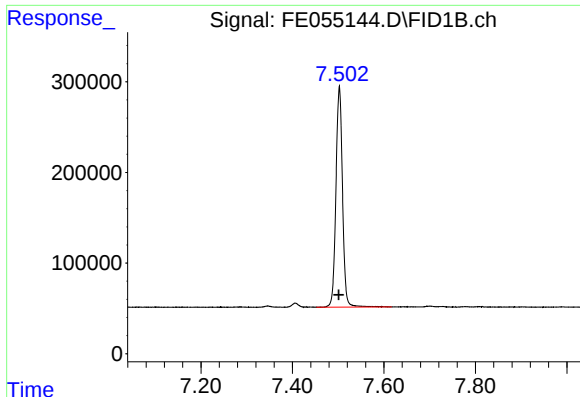
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.001 min
Response: 2497379
Conc: 18.61 ug/ml



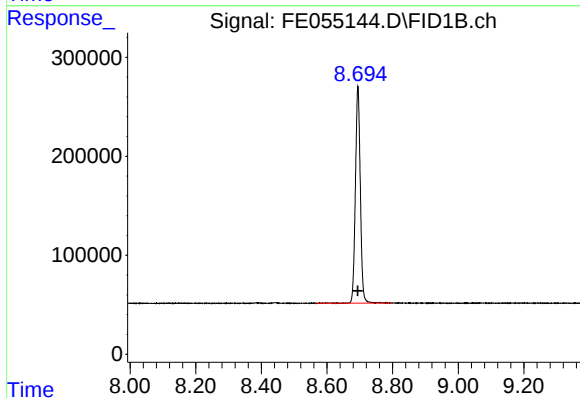
#4 n-Dodecane (C12)

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2224672
Conc: 18.68 ug/ml



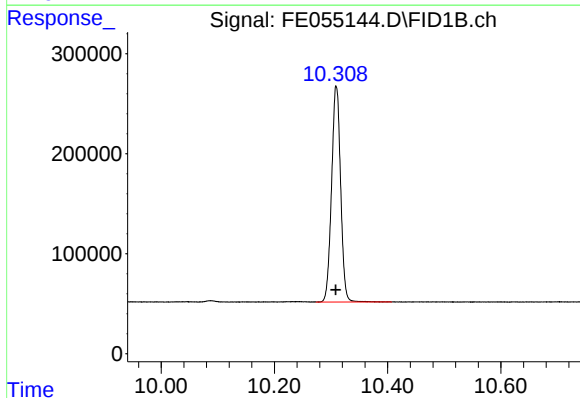
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 2434729
Conc: 18.67 ug/ml



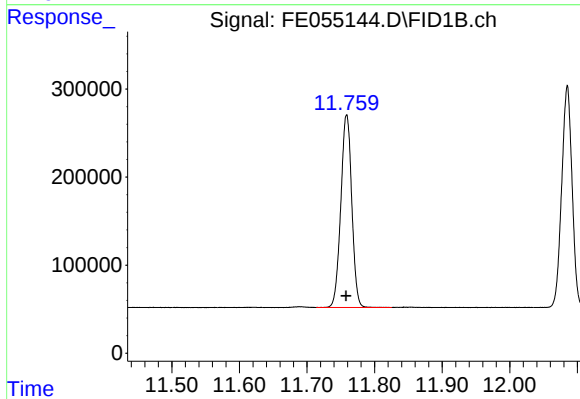
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2278440
Conc: 18.58 ug/ml



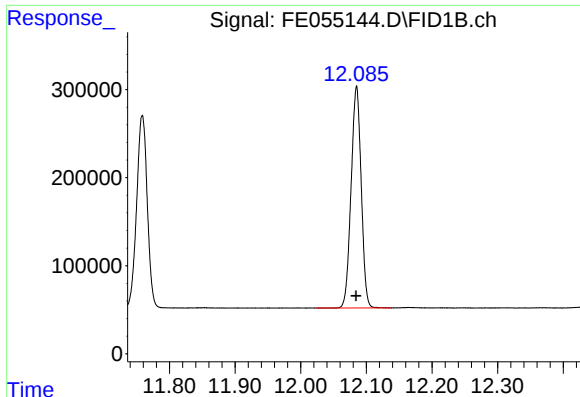
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2396773
Conc: 18.75 ug/ml



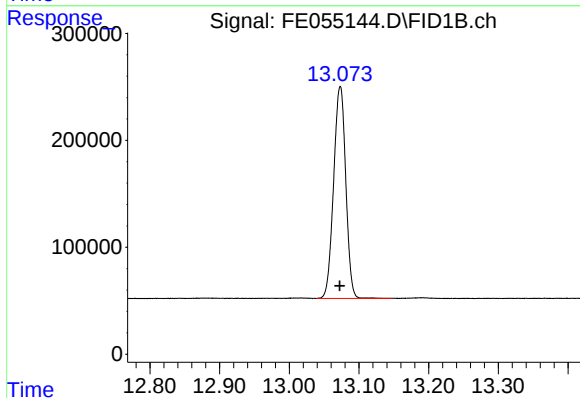
#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2463004
Conc: 18.88 ug/ml



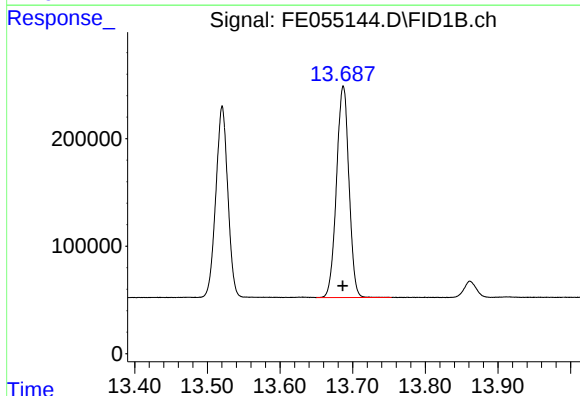
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 2689858
Conc: 18.84 ug/ml



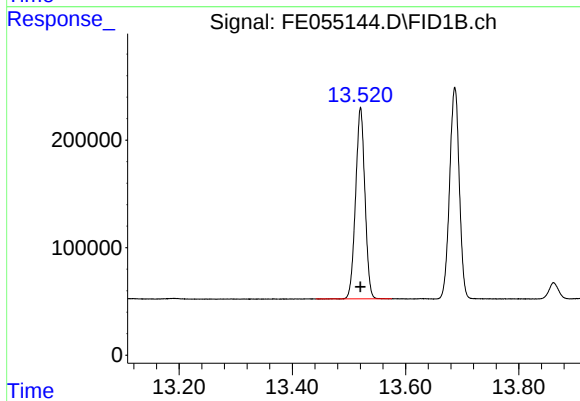
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2400792
Conc: 19.13 ug/ml



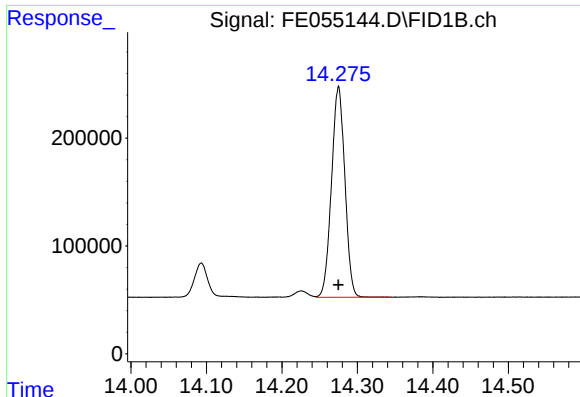
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2342232
Conc: 19.00 ug/ml



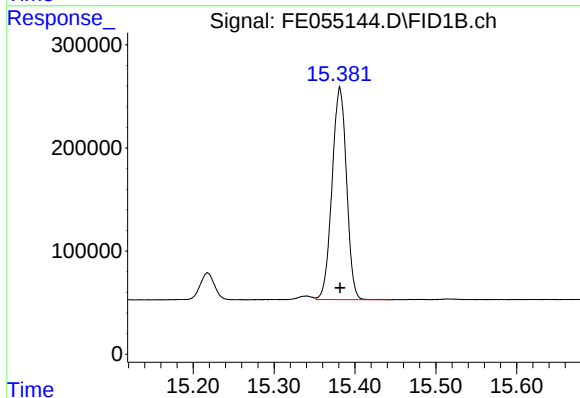
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2036530
Conc: 18.94 ug/ml



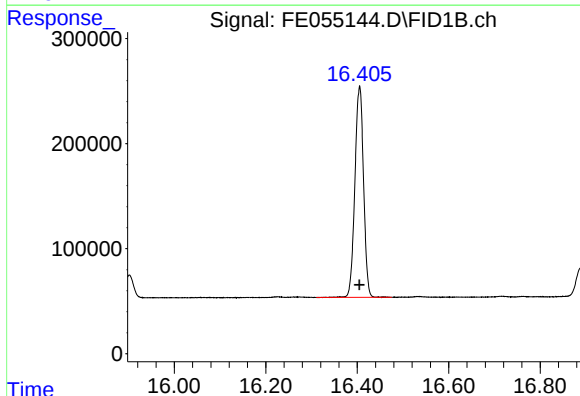
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2408188
Conc: 19.72 ug/ml



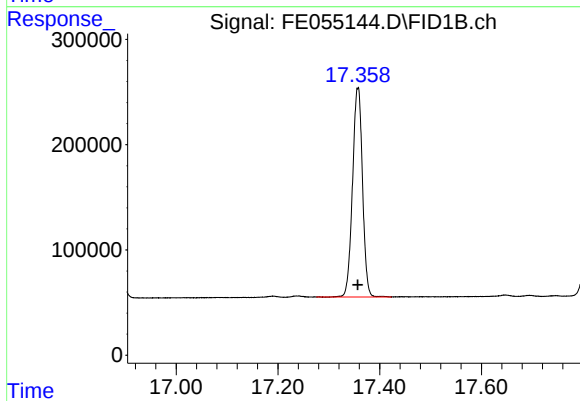
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 2566567
Conc: 21.10 ug/ml



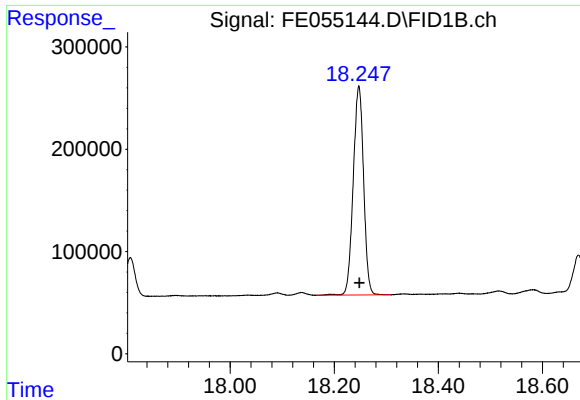
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2638118
Conc: 22.05 ug/ml



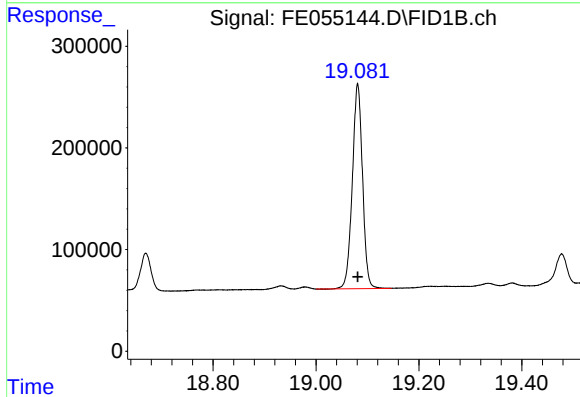
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 2706534
Conc: 22.82 ug/ml



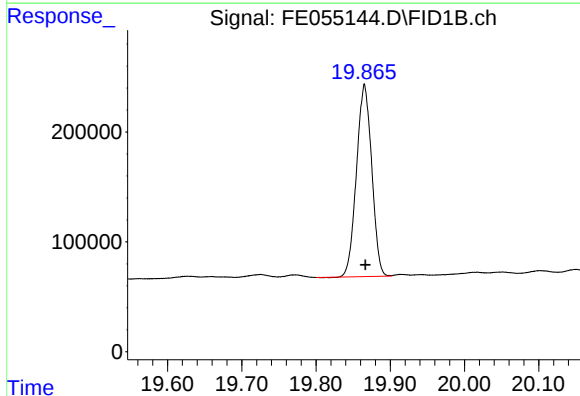
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 2824280
Conc: 22.95 ug/ml



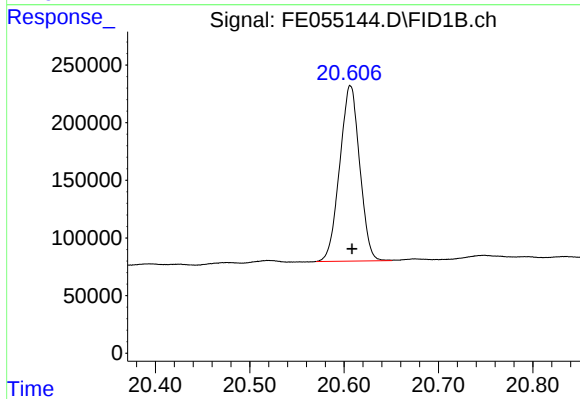
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 2770509
Conc: 22.71 ug/ml



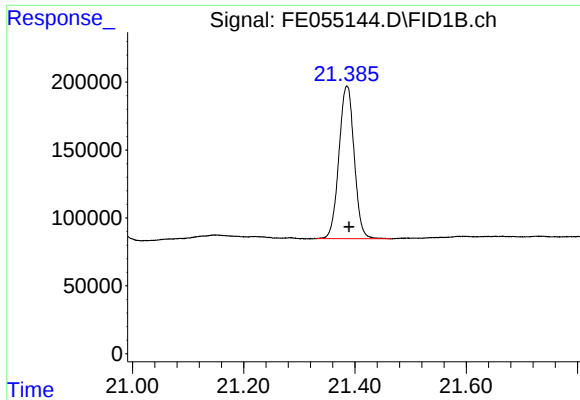
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 2496949
Conc: 21.36 ug/ml



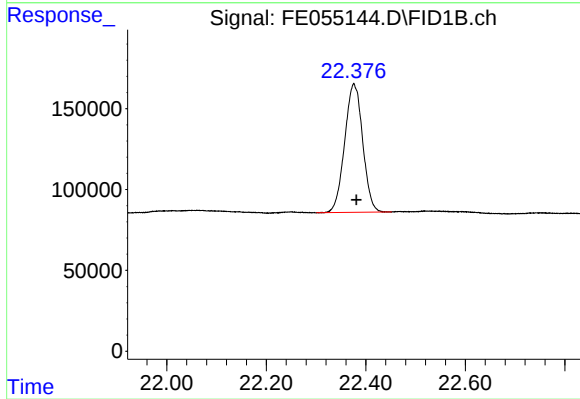
#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: -0.002 min
Response: 2240824
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.004 min
Response: 2137867
Conc: 19.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 1997956
Conc: 19.11 ug/ml