

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073125AL\
 Data File : FE055099.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2025 18:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 00:27:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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	2956290	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
12) S 1-chlorooctadecane (S...	13.524	2244521	20.043 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.423	2355603	19.402 ug/ml
2) T n-Decane (C10)	4.682	2416183	19.521 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2784448	19.563 ug/ml
4) T n-Dodecane (C12)	6.858	2471209	19.497 ug/ml
5) T A~2-methylnaphthalene...	7.503	2709831	19.611 ug/ml
6) T n-Tetradecane (C14)	8.696	2548744	19.410 ug/ml
7) T n-Hexadecane (C16)	10.311	2650065	19.700 ug/ml
8) T n-Octadecane (C18)	11.761	2703743	19.865 ug/ml
10) T n-Eicosane (C20)	13.076	2604796	20.016 ug/ml
11) T n-Heneicosane (C21)	13.690	2554470	20.088 ug/ml
13) T n-Docosane (C22)	14.278	2547565	20.188 ug/ml
14) T n-Tetracosane (C24)	15.385	2562154	20.444 ug/ml
15) T n-Hexacosane (C26)	16.409	2542000	20.576 ug/ml
16) T n-Octacosane (C28)	17.361	2539075	20.482 ug/ml
17) T n-Tricontane (C30)	18.251	2678769	20.442 ug/ml
18) T n-Dotriacontane (C32)	19.085	2669325	20.473 ug/ml
19) T n-Tetratriacontane (C34)	19.870	2524370	20.362 ug/ml
20) T n-Hexatriacontane (C36)	20.612	2321780	20.211 ug/ml
21) T n-Octatriacontane (C38)	21.392	2250985	20.028 ug/ml
22) T n-Tetracontane (C40)	22.386	2261876	20.513 ug/ml

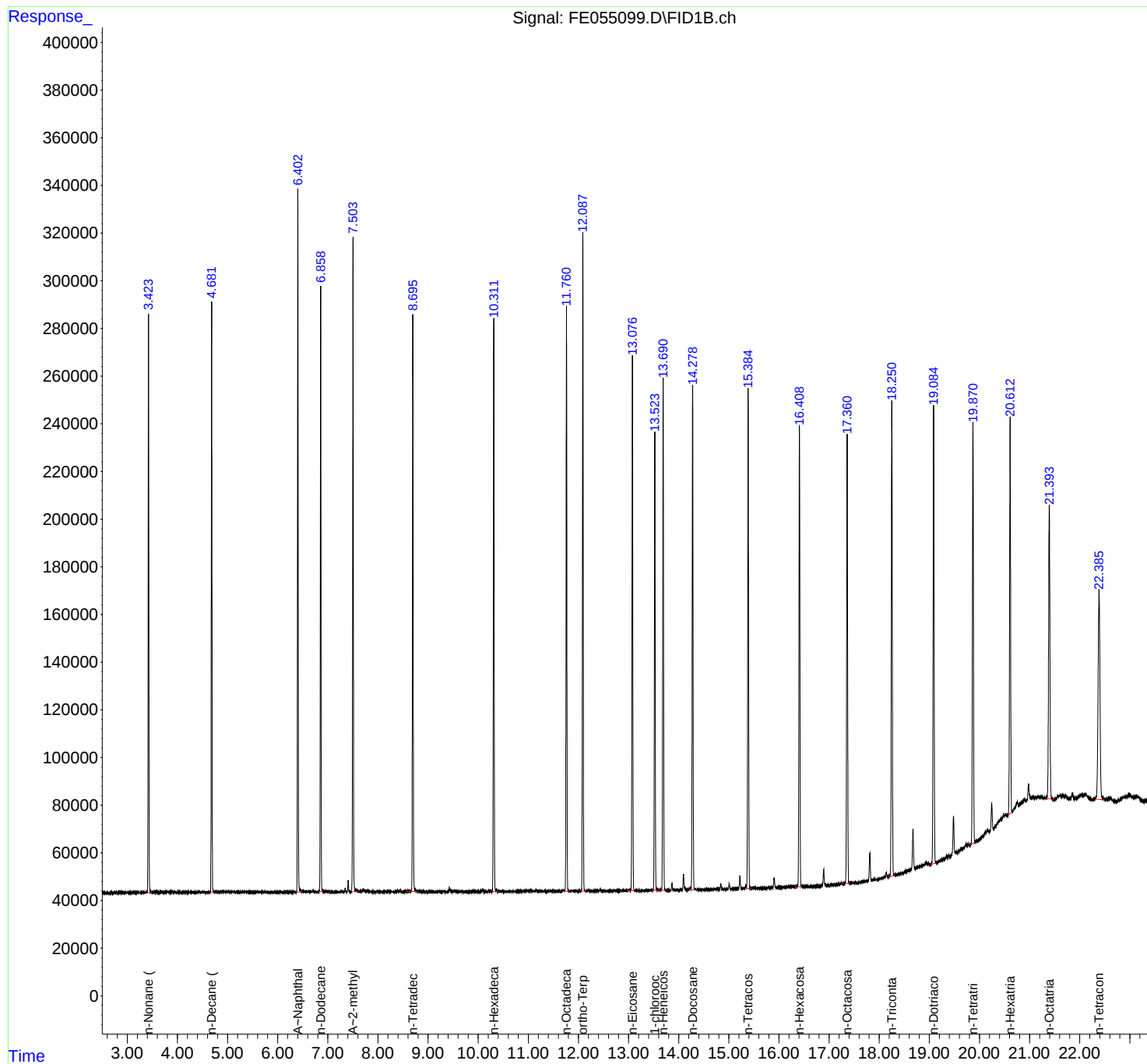
(f)=RT Delta > 1/2 Window

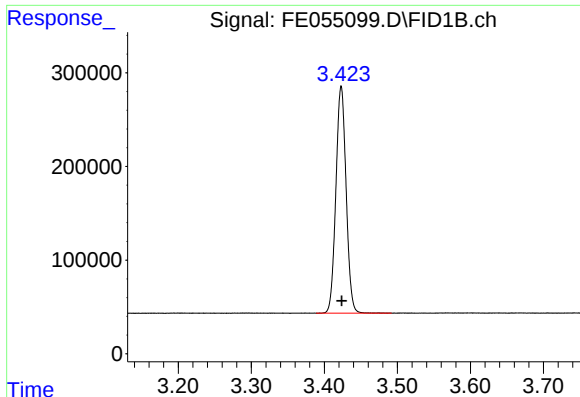
(m)=manual int.

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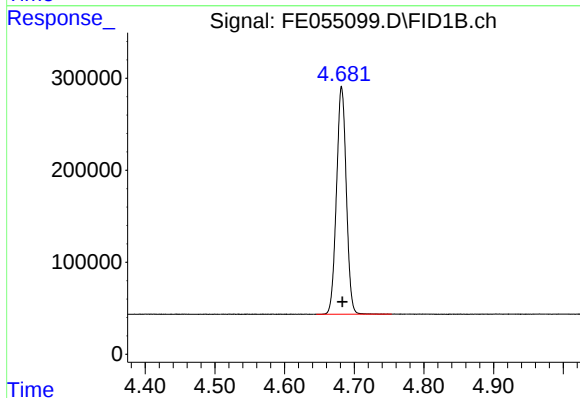
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Signal Info : 20M x 0.18mm x 0.18um





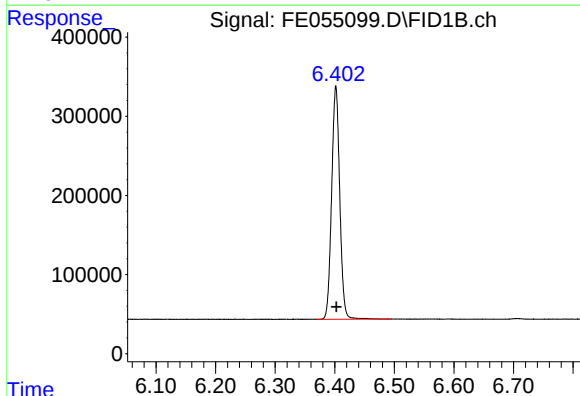
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: 0.000 min
Response: 2355603
Conc: 19.40 ug/ml



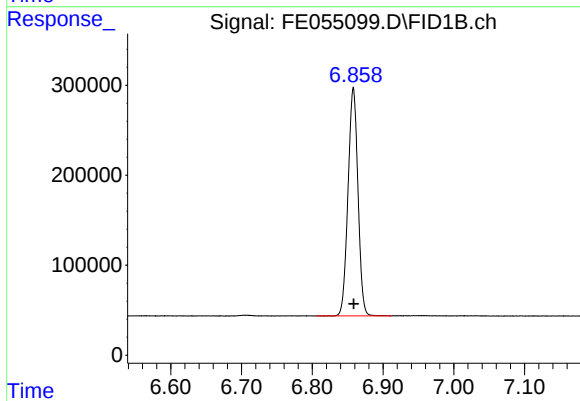
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 2416183
Conc: 19.52 ug/ml



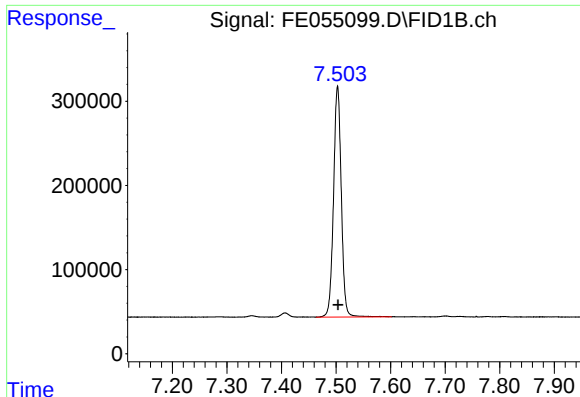
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 2784448
Conc: 19.56 ug/ml



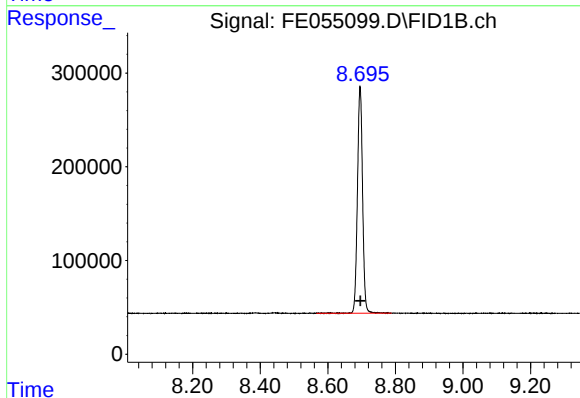
#4 n-Dodecane (C12)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 2471209
Conc: 19.50 ug/ml



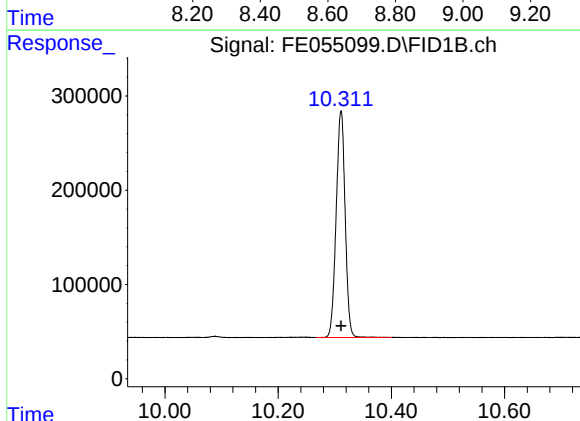
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 2709831
Conc: 19.61 ug/ml



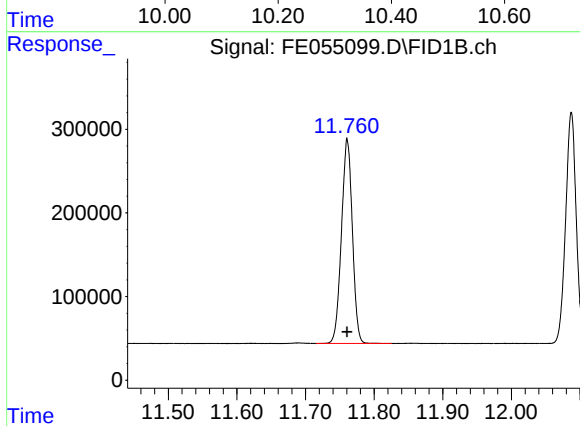
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 2548744
Conc: 19.41 ug/ml



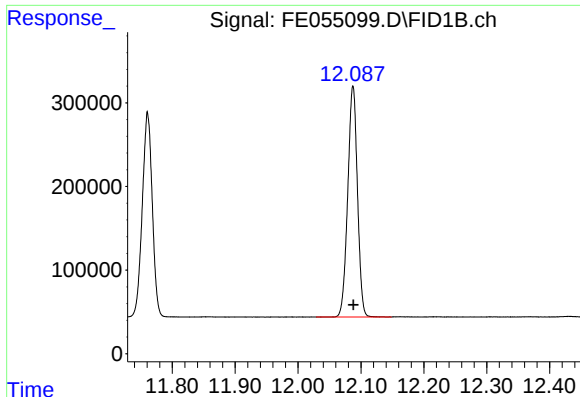
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.000 min
Response: 2650065
Conc: 19.70 ug/ml



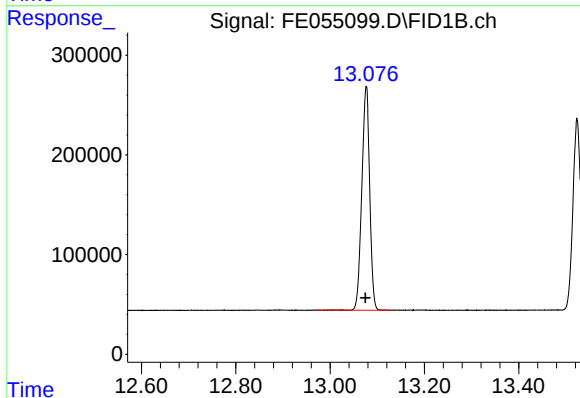
#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.000 min
Response: 2703743
Conc: 19.87 ug/ml



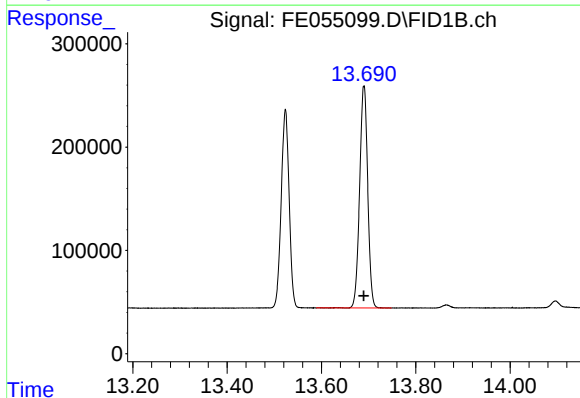
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.000 min
Response: 2956290
Conc: 19.97 ug/ml



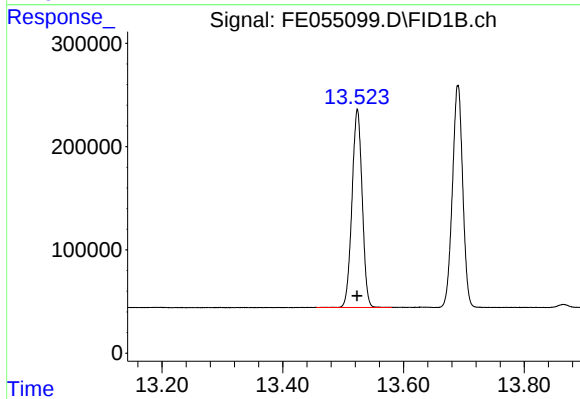
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.002 min
Response: 2604796
Conc: 20.02 ug/ml



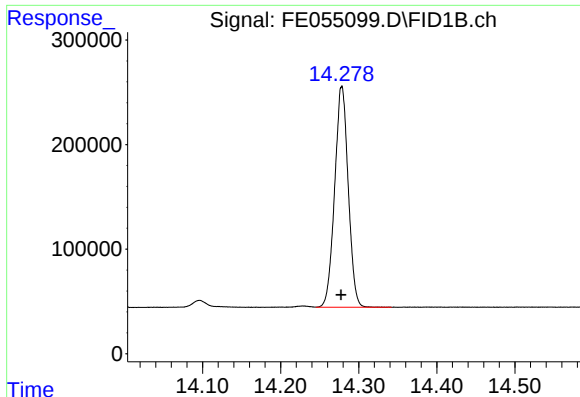
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 2554470
Conc: 20.09 ug/ml



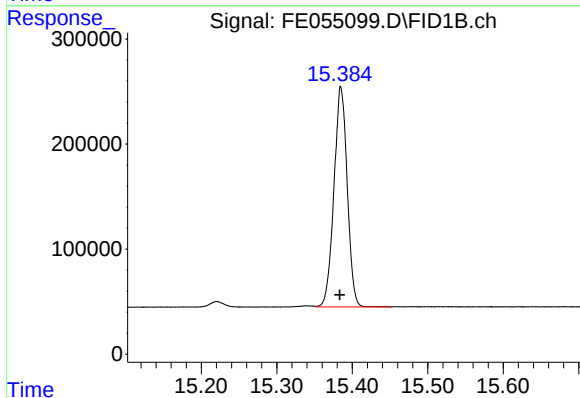
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.000 min
Response: 2244521
Conc: 20.04 ug/ml



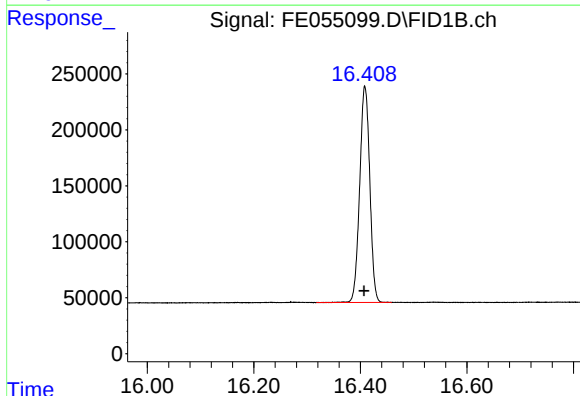
#13 n-Docosane (C22)

R.T.: 14.278 min
Delta R.T.: 0.000 min
Response: 2547565
Conc: 20.19 ug/ml



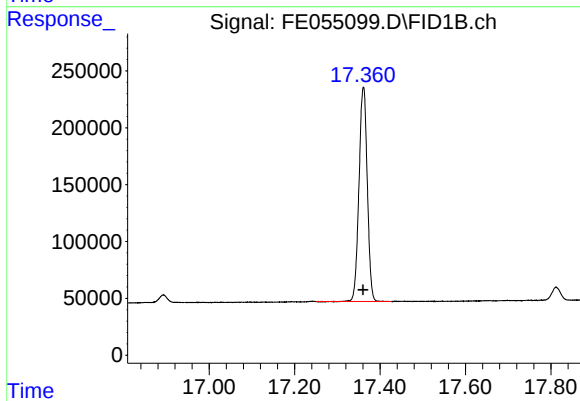
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.002 min
Response: 2562154
Conc: 20.44 ug/ml



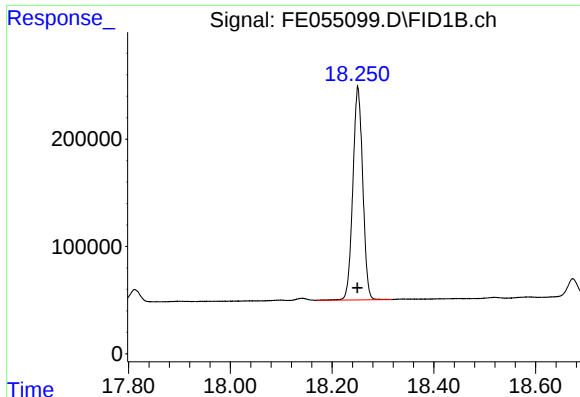
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.002 min
Response: 2542000
Conc: 20.58 ug/ml



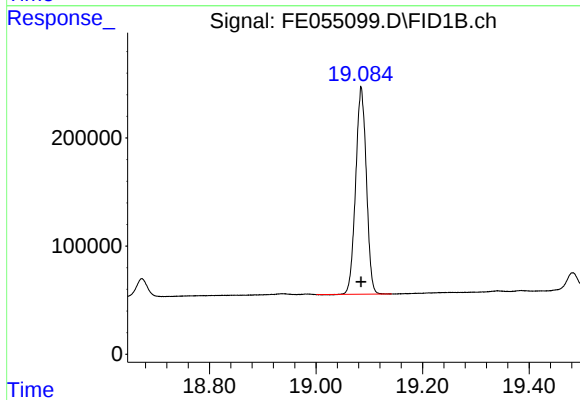
#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.000 min
Response: 2539075
Conc: 20.48 ug/ml



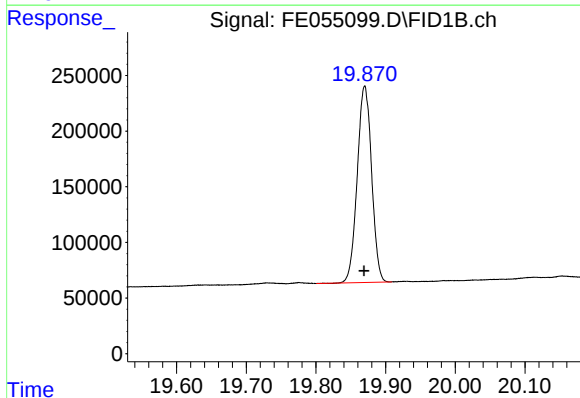
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.001 min
Response: 2678769
Conc: 20.44 ug/ml



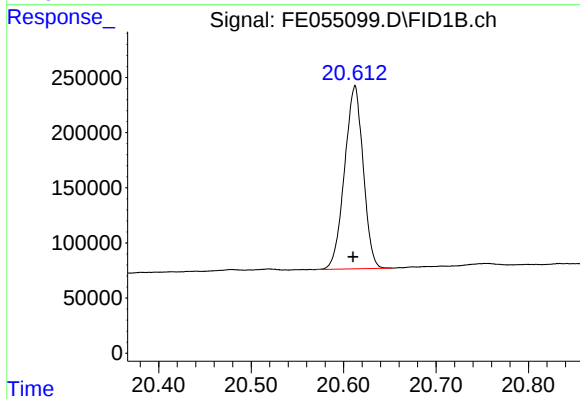
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 2669325
Conc: 20.47 ug/ml



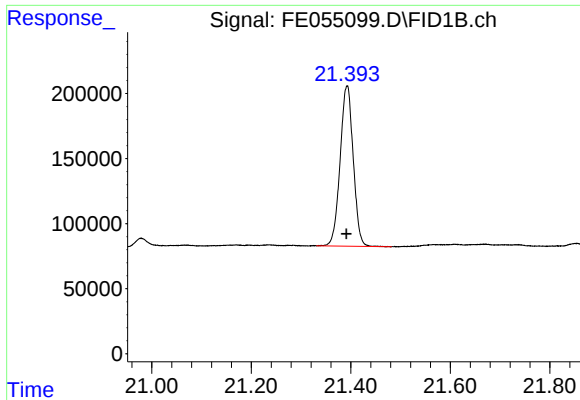
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.000 min
Response: 2524370
Conc: 20.36 ug/ml



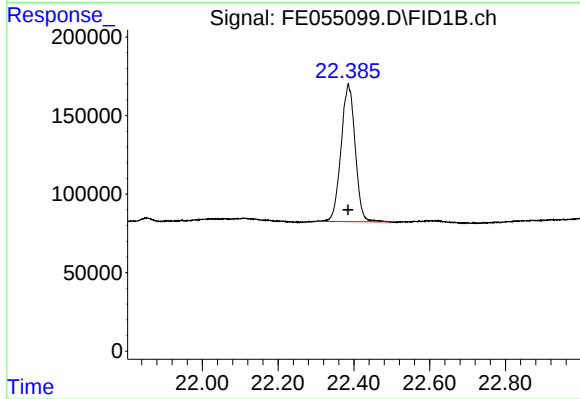
#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.002 min
Response: 2321780
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.001 min
Response: 2250985
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.386 min
Delta R.T.: 0.001 min
Response: 2261876
Conc: 20.51 ug/ml