

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032224AL\
 Data File : FE047264.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 08:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 11:17:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 Qlast Update : Thu Mar 14 01:54:27 2024
 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)	11.983	3120625	18.914 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	13.417	2427211	19.037 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.367	2919639	19.419 ug/ml
2) T n-Decane (C10)	4.619	2994431	19.531 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3101509	19.453 ug/ml
4) T n-Dodecane (C12)	6.784	2985314	19.402 ug/ml
5) T A~2-methylnaphthalene...	7.421	2985155	19.451 ug/ml
6) T n-Tetradecane (C14)	8.612	2941446	19.305 ug/ml
7) T n-Hexadecane (C16)	10.219	3029593	19.247 ug/ml
8) T n-Octadecane (C18)	11.663	3043166	19.109 ug/ml
10) T n-Eicosane (C20)	12.972	2928310	19.051 ug/ml
11) T n-Heneicosane (C21)	13.583	2859398	18.898 ug/ml
13) T n-Docosane (C22)	14.170	2881781	19.154 ug/ml
14) T n-Tetracosane (C24)	15.271	2943034	19.707 ug/ml
15) T n-Hexacosane (C26)	16.291	2980656	20.461 ug/ml
16) T n-Octacosane (C28)	17.240	3035947	21.516 ug/ml
17) T n-Tricontane (C30)	18.127	3245431	22.958 ug/ml
18) T n-Dotriacontane (C32)	18.957	3213888	23.305 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3023131	23.155 ug/ml
20) T n-Hexatriacontane (C36)	20.479	3045202	24.444 ug/ml
21) T n-Octatriacontane (C38)	21.222	6080094	48.965 ug/ml
22) T n-Tetracontane (C40)	22.156	2939468	24.991 ug/ml

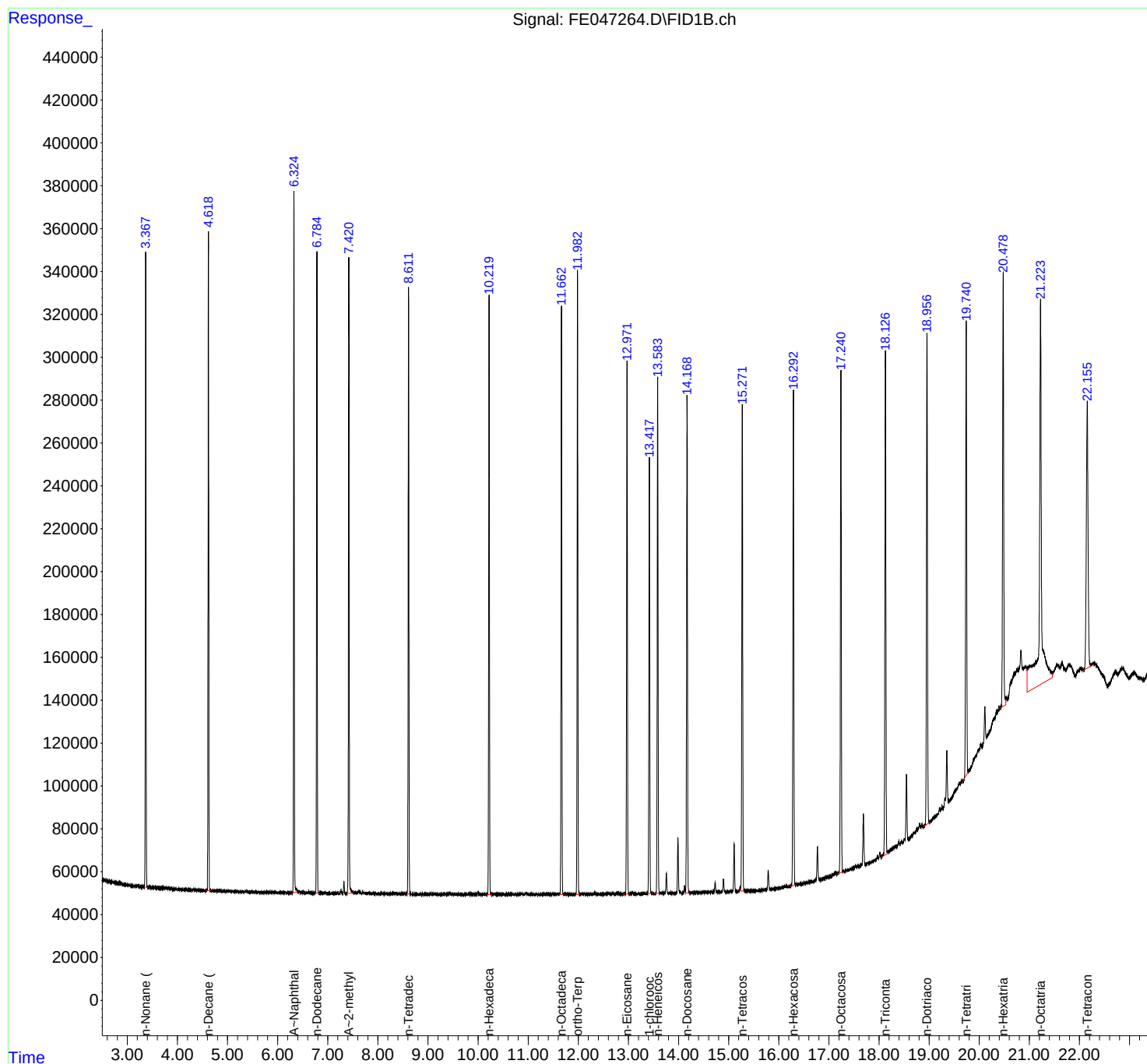
(f)=RT Delta > 1/2 Window

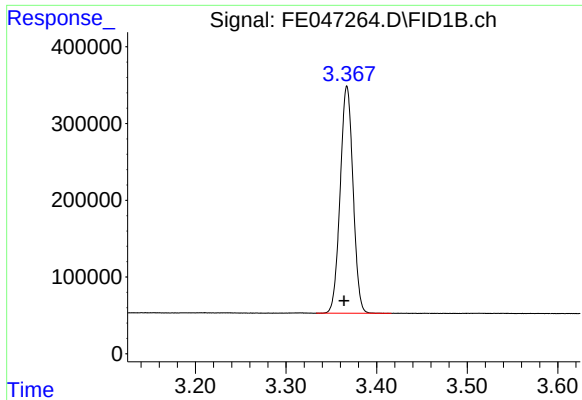
(m)=manual int.

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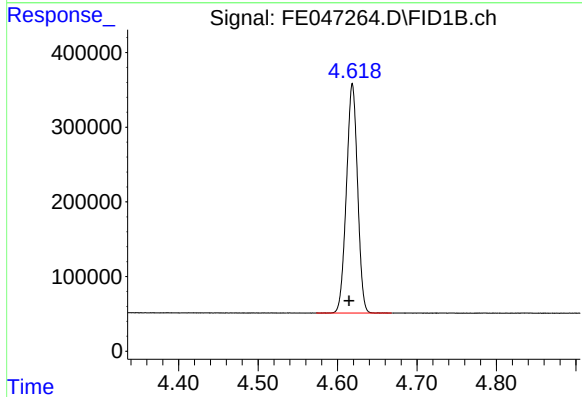
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





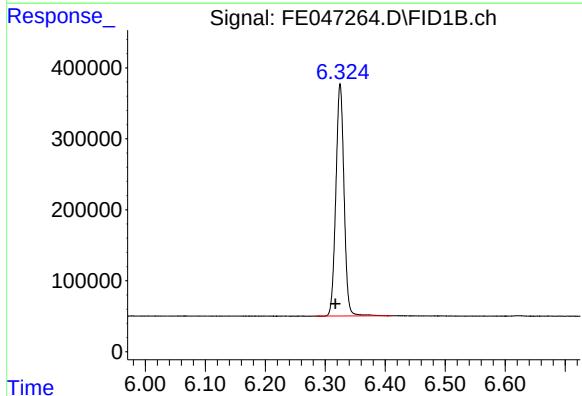
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 2919639
Conc: 19.42 ug/ml



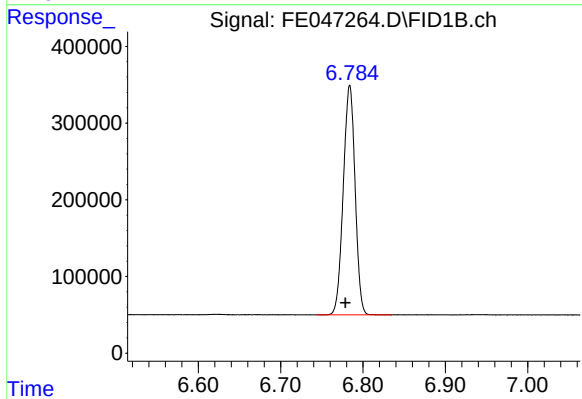
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.004 min
Response: 2994431
Conc: 19.53 ug/ml



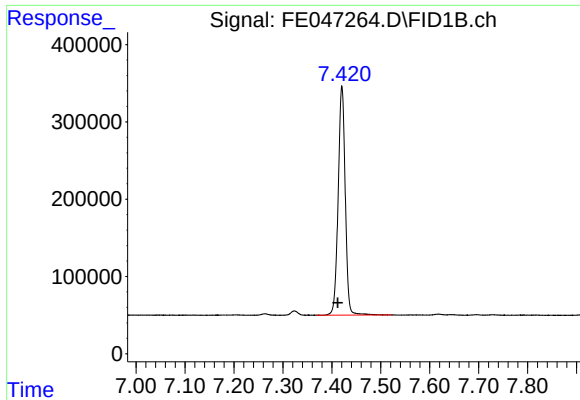
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.008 min
Response: 3101509
Conc: 19.45 ug/ml



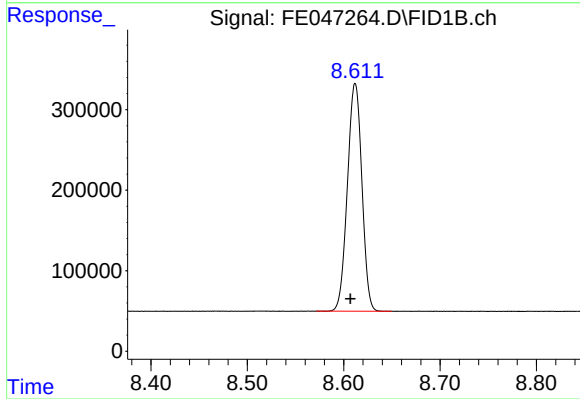
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.005 min
Response: 2985314
Conc: 19.40 ug/ml



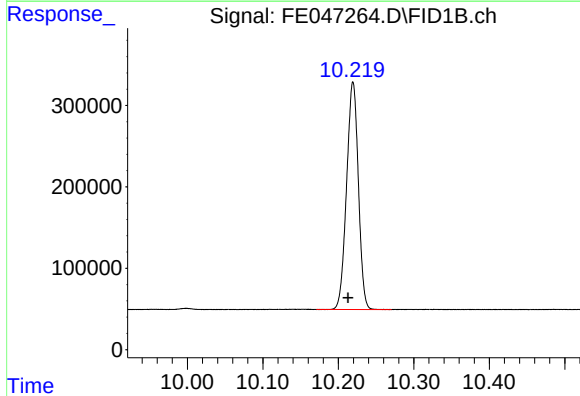
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min
Delta R.T.: 0.009 min
Response: 2985155
Conc: 19.45 ug/ml



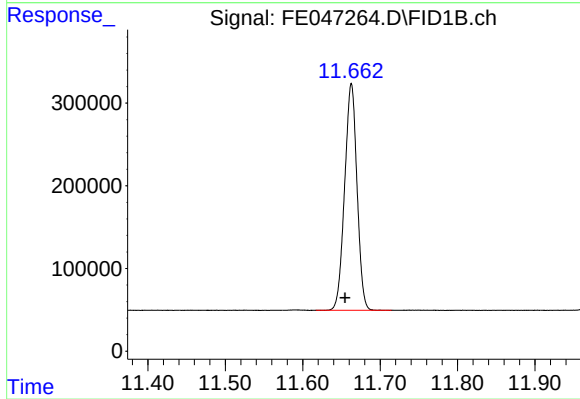
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.005 min
Response: 2941446
Conc: 19.31 ug/ml



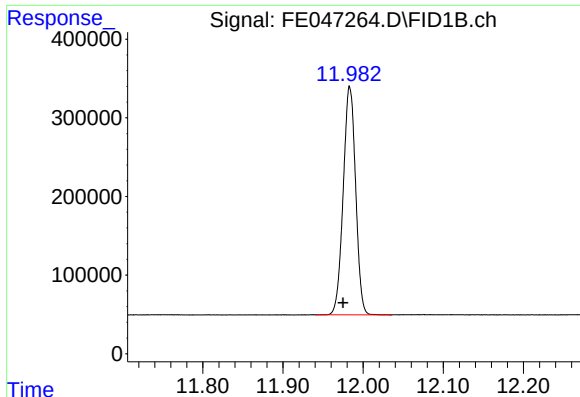
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.007 min
Response: 3029593
Conc: 19.25 ug/ml



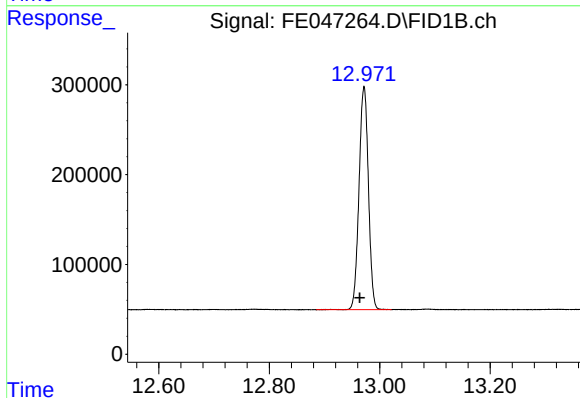
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.008 min
Response: 3043166
Conc: 19.11 ug/ml



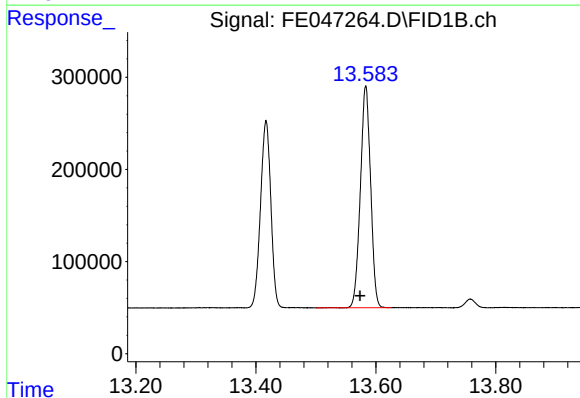
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.008 min
Response: 3120625
Conc: 18.91 ug/ml



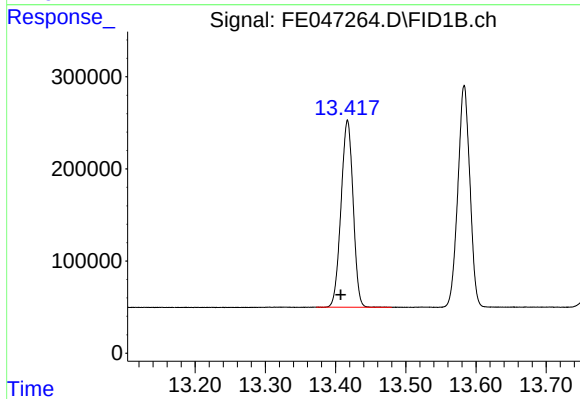
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.008 min
Response: 2928310
Conc: 19.05 ug/ml



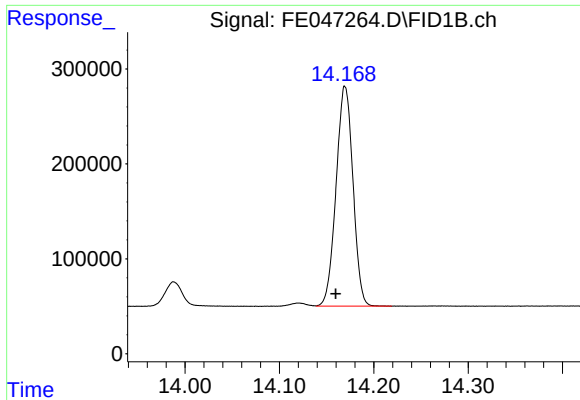
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.009 min
Response: 2859398
Conc: 18.90 ug/ml



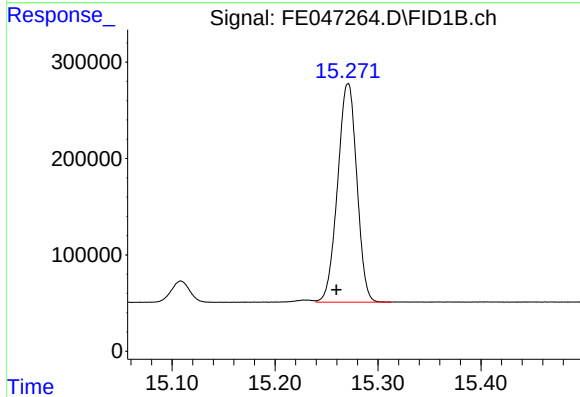
#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.010 min
Response: 2427211
Conc: 19.04 ug/ml



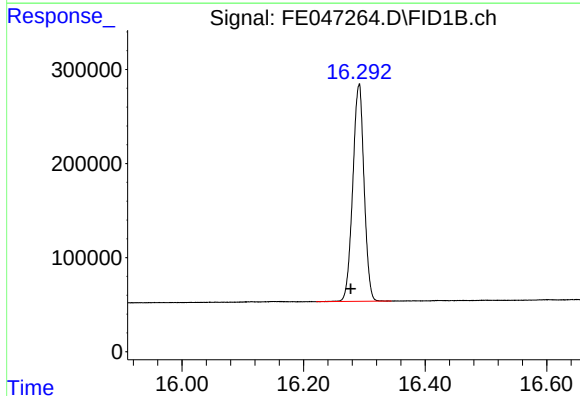
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.010 min
Response: 2881781
Conc: 19.15 ug/ml



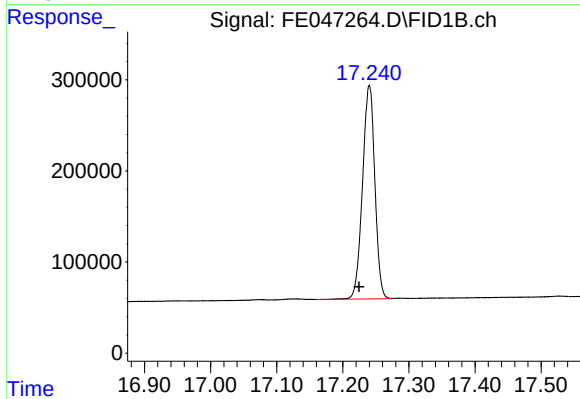
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.011 min
Response: 2943034
Conc: 19.71 ug/ml



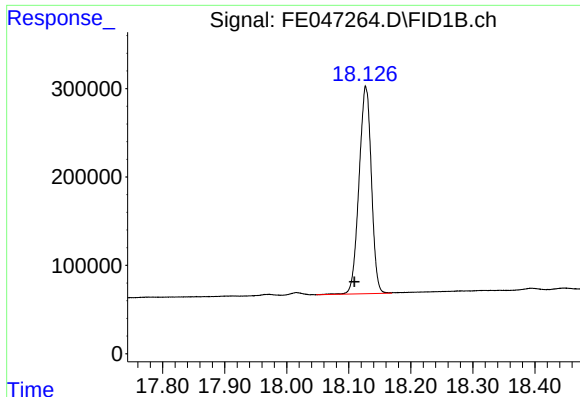
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.014 min
Response: 2980656
Conc: 20.46 ug/ml



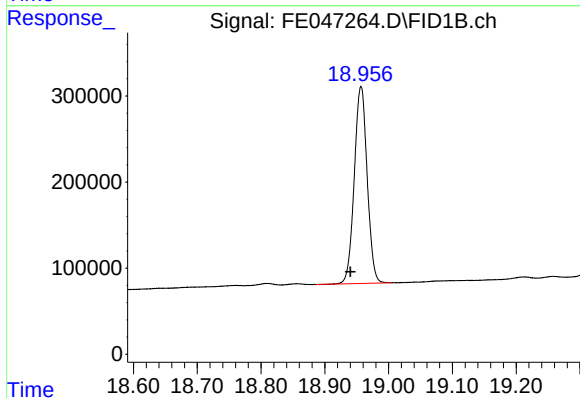
#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.016 min
Response: 3035947
Conc: 21.52 ug/ml



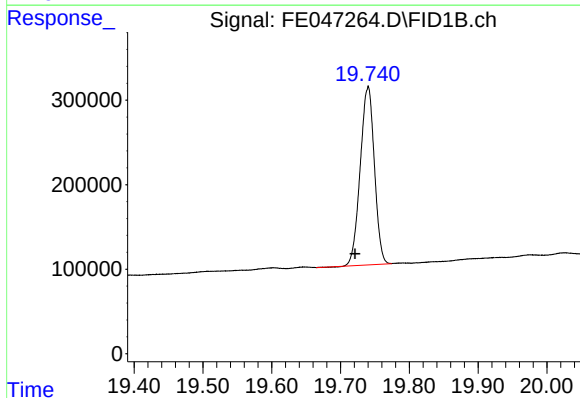
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.018 min
Response: 3245431
Conc: 22.96 ug/ml



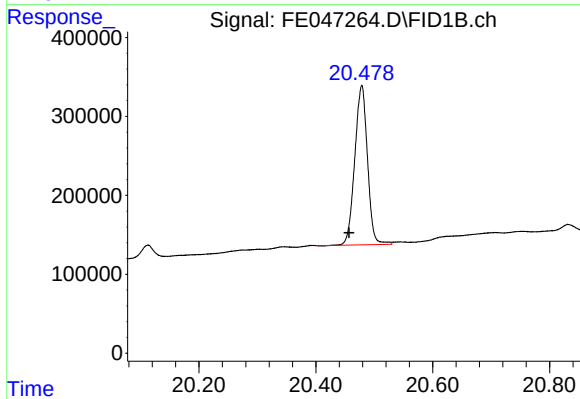
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.017 min
Response: 3213888
Conc: 23.30 ug/ml



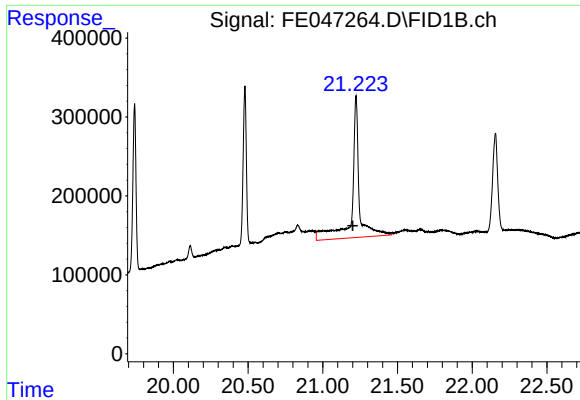
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.019 min
Response: 3023131
Conc: 23.16 ug/ml



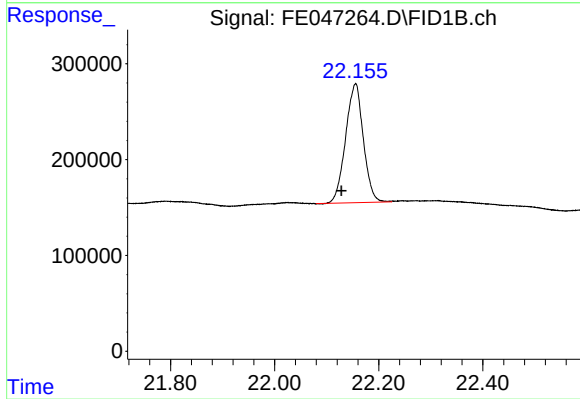
#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.022 min
Response: 3045202
Conc: 24.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.023 min
Response: 6080094
Conc: 48.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.028 min
Response: 2939468
Conc: 24.99 ug/ml