

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090925AL\
 Data File : FG016572.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2025 10:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 02:29:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.067	2432144	18.371 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
12) S 1-chlorooctadecane (S...	13.512	1836014	18.240 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
Target Compounds			
1) T n-Nonane (C9)	3.384	2036532	18.002 ug/ml
2) T n-Decane (C10)	4.647	2103520	18.274 ug/ml
3) T A~Naphthalene (C11.7)	6.368	2238095	18.023 ug/ml
4) T n-Dodecane (C12)	6.829	2113713	18.220 ug/ml
5) T A~2-methylnaphthalene...	7.472	2116855	17.746 ug/ml
6) T n-Tetradecane (C14)	8.670	2106534	18.257 ug/ml
7) T n-Hexadecane (C16)	10.289	2190100	18.348 ug/ml
8) T n-Octadecane (C18)	11.743	2242763	18.562 ug/ml
10) T n-Eicosane (C20)	13.062	2192908	18.798 ug/ml
11) T n-Heneicosane (C21)	13.679	2138472	18.605 ug/ml
13) T n-Docosane (C22)	14.270	2241154	19.615 ug/ml
14) T n-Tetracosane (C24)	15.381	2469410	21.709 ug/ml
15) T n-Hexacosane (C26)	16.410	2528401	22.770 ug/ml
16) T n-Octacosane (C28)	17.366	2599619	24.047 ug/ml
17) T n-Tricontane (C30)	18.260	2615858	23.950 ug/ml
18) T n-Dotriacontane (C32)	19.099	2457513	23.374 ug/ml
19) T n-Tetratriacontane (C34)	19.887	2025172	21.089 ug/ml
20) T n-Hexatriacontane (C36)	20.631	1693460	20.251 ug/ml
21) T n-Octatriacontane (C38)	21.414	1473194	19.133 ug/ml
22) T n-Tetracontane (C40)	22.411	1364941	18.372 ug/ml

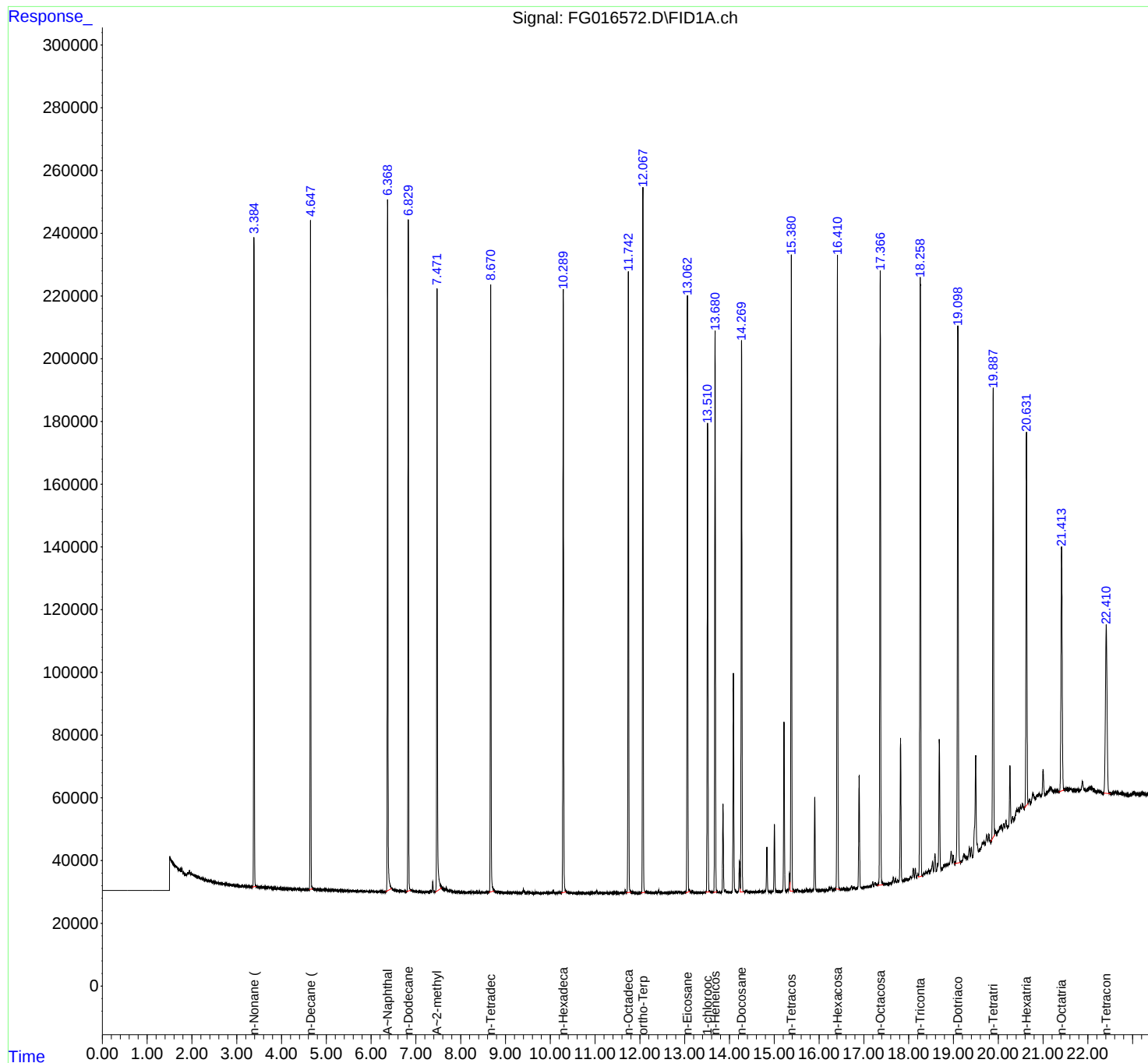
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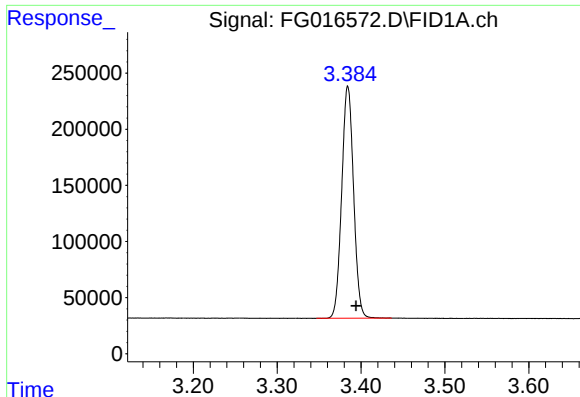
(m)=manual int.

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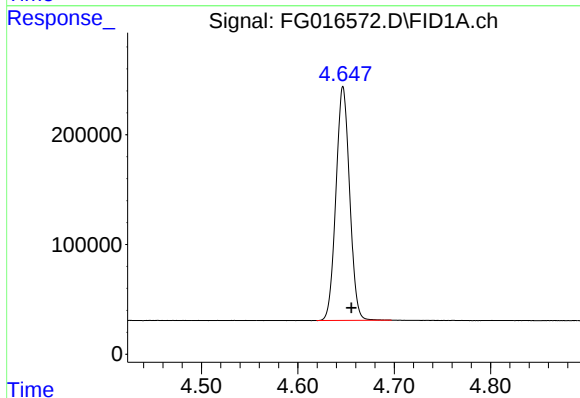
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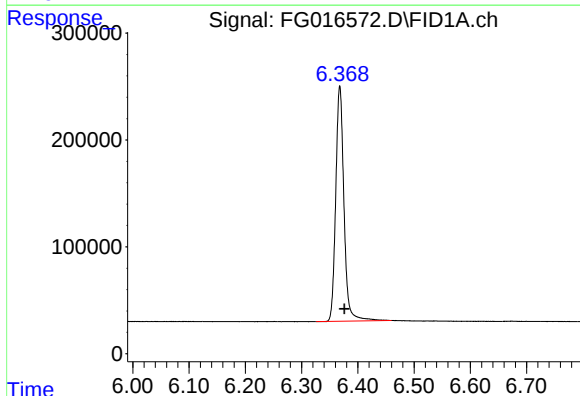
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.010 min
Response: 2036532
Conc: 18.00 ug/ml



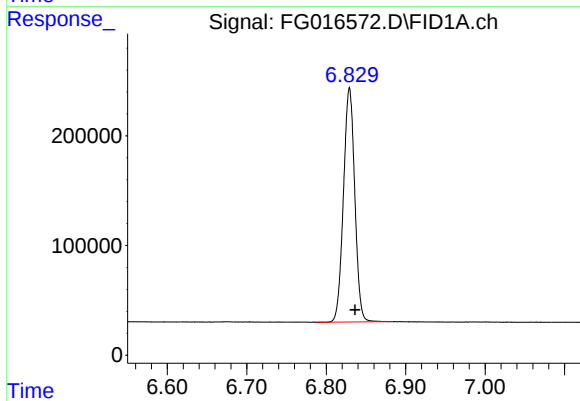
#2 n-Decane (C10)

R.T.: 4.647 min
Delta R.T.: -0.009 min
Response: 2103520
Conc: 18.27 ug/ml



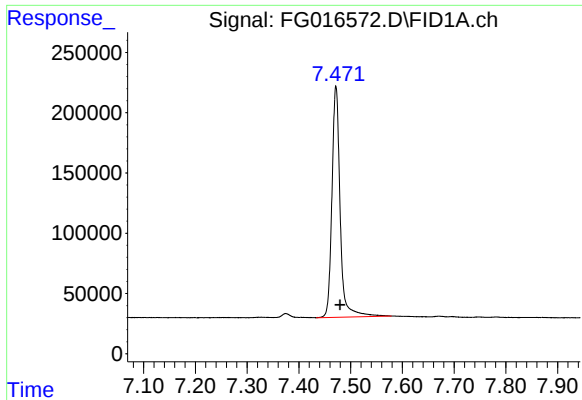
#3 A~Naphthalene (C11.7)

R.T.: 6.368 min
Delta R.T.: -0.008 min
Response: 2238095
Conc: 18.02 ug/ml



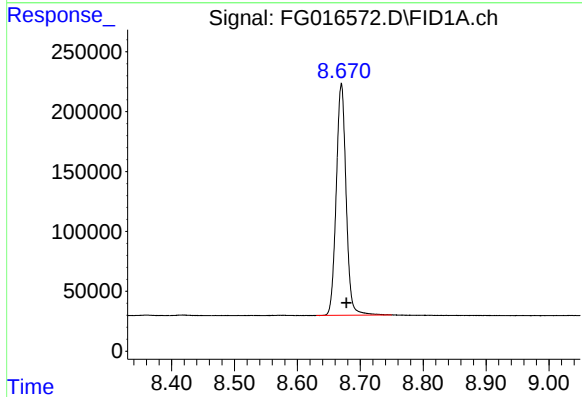
#4 n-Dodecane (C12)

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 2113713
Conc: 18.22 ug/ml



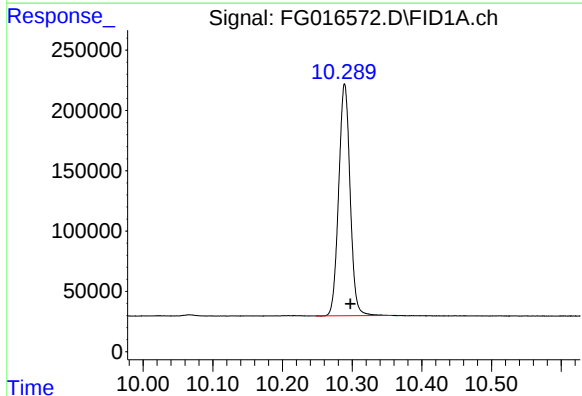
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 2116855
Conc: 17.75 ug/ml



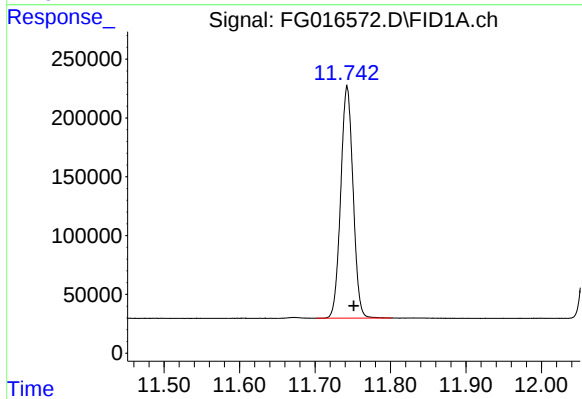
#6 n-Tetradecane (C14)

R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 2106534
Conc: 18.26 ug/ml



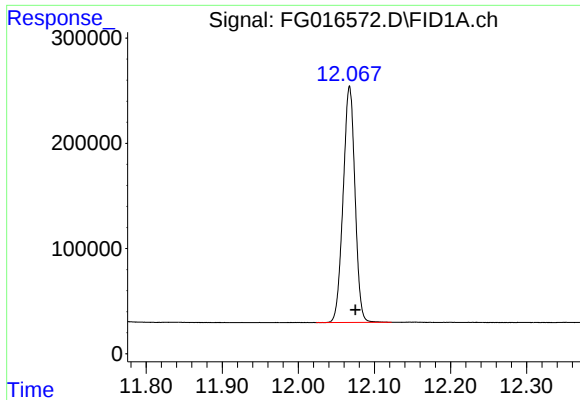
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: -0.008 min
Response: 2190100
Conc: 18.35 ug/ml



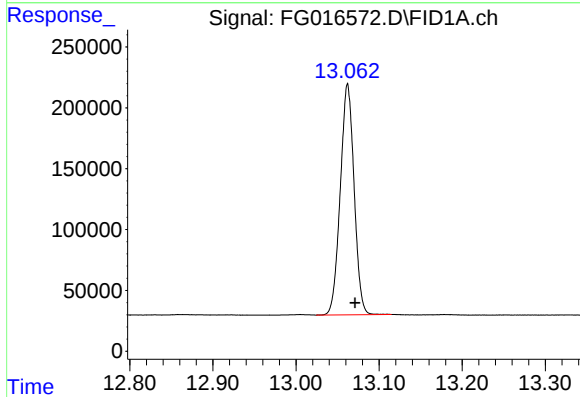
#8 n-Octadecane (C18)

R.T.: 11.743 min
Delta R.T.: -0.009 min
Response: 2242763
Conc: 18.56 ug/ml



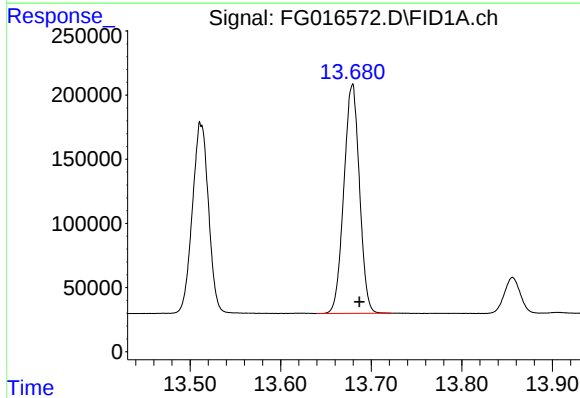
#9 ortho-Terphenyl (SURR)

R.T.: 12.067 min
Delta R.T.: -0.008 min
Response: 2432144
Conc: 18.37 ug/ml



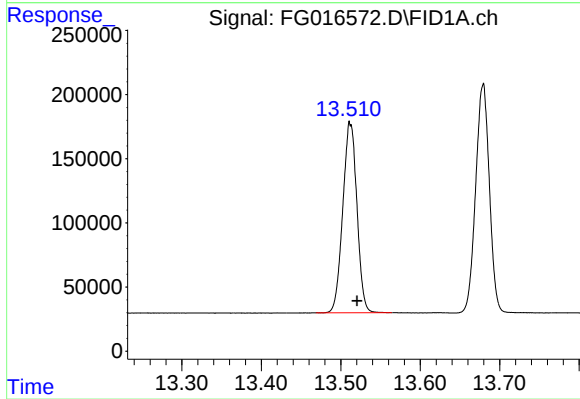
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.009 min
Response: 2192908
Conc: 18.80 ug/ml



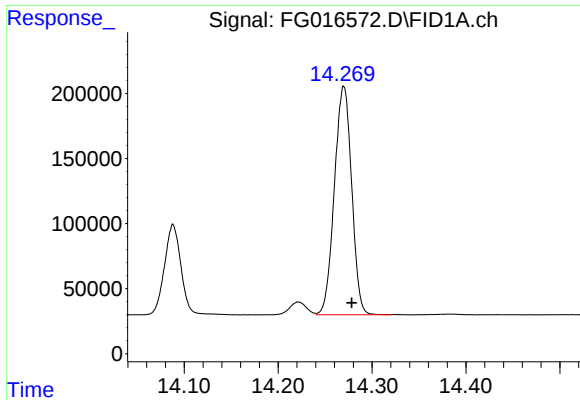
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: -0.008 min
Response: 2138472
Conc: 18.60 ug/ml



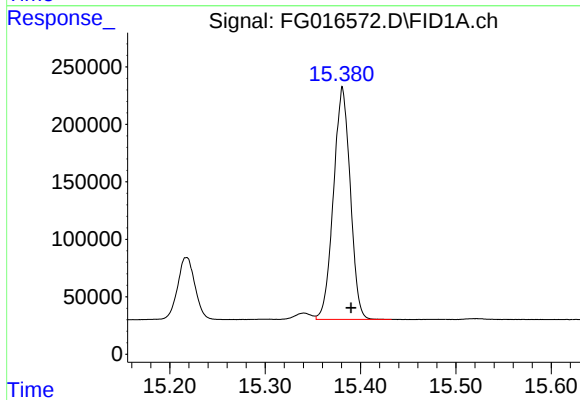
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: -0.009 min
Response: 1836014
Conc: 18.24 ug/ml



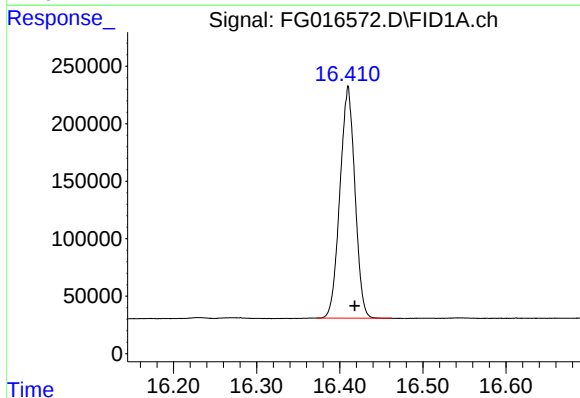
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: -0.008 min
Response: 2241154
Conc: 19.61 ug/ml



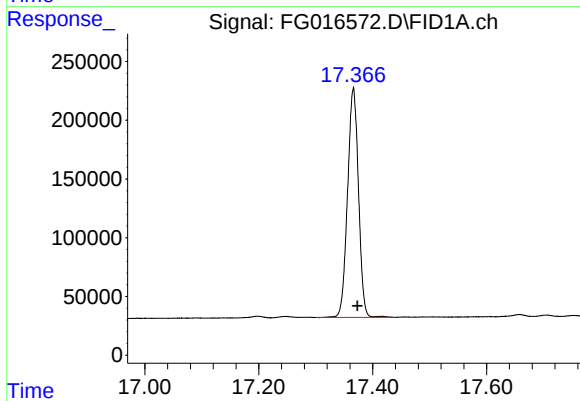
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.009 min
Response: 2469410
Conc: 21.71 ug/ml



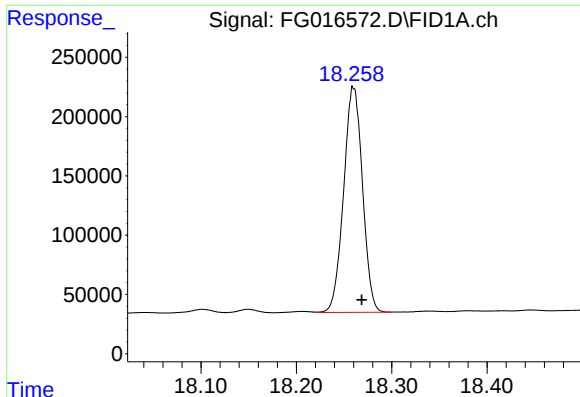
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: -0.008 min
Response: 2528401
Conc: 22.77 ug/ml



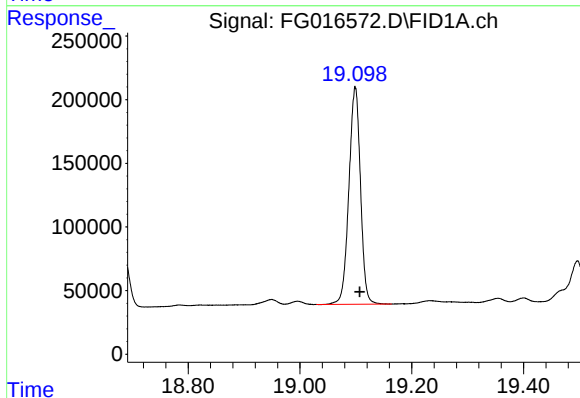
#16 n-Octacosane (C28)

R.T.: 17.366 min
Delta R.T.: -0.007 min
Response: 2599619
Conc: 24.05 ug/ml



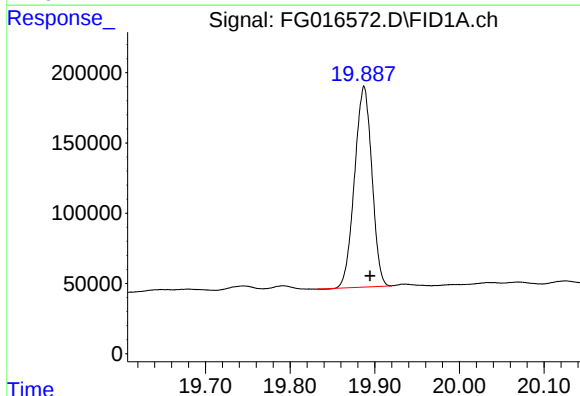
#17 n-Tricontane (C30)

R.T.: 18.260 min
Delta R.T.: -0.009 min
Response: 2615858
Conc: 23.95 ug/ml



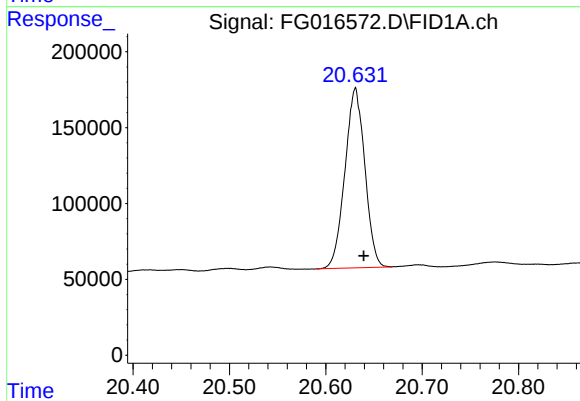
#18 n-Dotriacontane (C32)

R.T.: 19.099 min
Delta R.T.: -0.008 min
Response: 2457513
Conc: 23.37 ug/ml



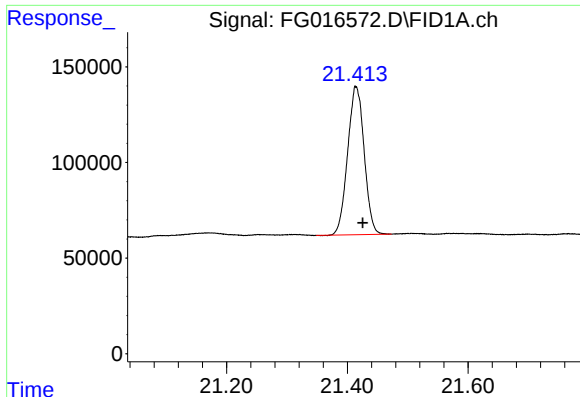
#19 n-Tetratriacontane (C34)

R.T.: 19.887 min
Delta R.T.: -0.007 min
Response: 2025172
Conc: 21.09 ug/ml



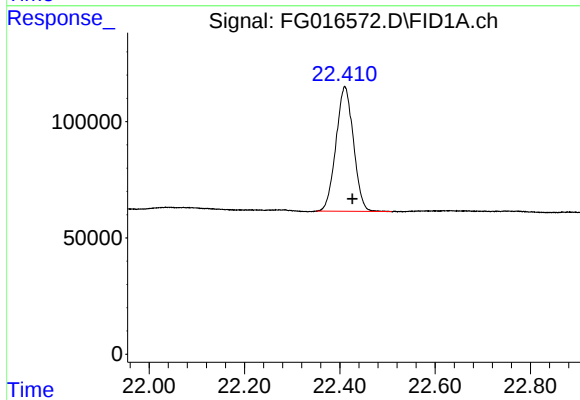
#20 n-Hexatriacontane (C36)

R.T.: 20.631 min
Delta R.T.: -0.009 min
Response: 1693460
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.414 min
Delta R.T.: -0.011 min
Response: 1473194
Conc: 19.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.411 min
Delta R.T.: -0.016 min
Response: 1364941
Conc: 18.37 ug/ml