

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091225AL\
 Data File : FG016611.D
 Signal(s) : FID1A.ch
 Acq On : 12 Sep 2025 11:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 13 01:27:35 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)	12.063	2696467	20.368 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
12) S 1-chlorooctadecane (S...	13.508	2057582	20.441 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T n-Nonane (C9)	3.381	2251944	19.906 ug/ml
2) T n-Decane (C10)	4.644	2308047	20.051 ug/ml
3) T A~Naphthalene (C11.7)	6.364	2484424	20.007 ug/ml
4) T n-Dodecane (C12)	6.826	2341025	20.180 ug/ml
5) T A~2-methylnaphthalene...	7.467	2379102	19.945 ug/ml
6) T n-Tetradecane (C14)	8.666	2344583	20.320 ug/ml
7) T n-Hexadecane (C16)	10.285	2432944	20.382 ug/ml
8) T n-Octadecane (C18)	11.739	2478015	20.509 ug/ml
10) T n-Eicosane (C20)	13.058	2402030	20.591 ug/ml
11) T n-Heneicosane (C21)	13.675	2361247	20.543 ug/ml
13) T n-Docosane (C22)	14.266	2366645	20.713 ug/ml
14) T n-Tetracosane (C24)	15.376	2404169	21.136 ug/ml
15) T n-Hexacosane (C26)	16.404	2352836	21.189 ug/ml
16) T n-Octacosane (C28)	17.361	2309650	21.365 ug/ml
17) T n-Tricontane (C30)	18.255	2357960	21.589 ug/ml
18) T n-Dotriacontane (C32)	19.093	2315514	22.024 ug/ml
19) T n-Tetratriacontane (C34)	19.882	2112683	22.000 ug/ml
20) T n-Hexatriacontane (C36)	20.625	1824771	21.821 ug/ml
21) T n-Octatriacontane (C38)	21.408	1674886	21.752 ug/ml
22) T n-Tetracontane (C40)	22.403	1568447	21.111 ug/ml

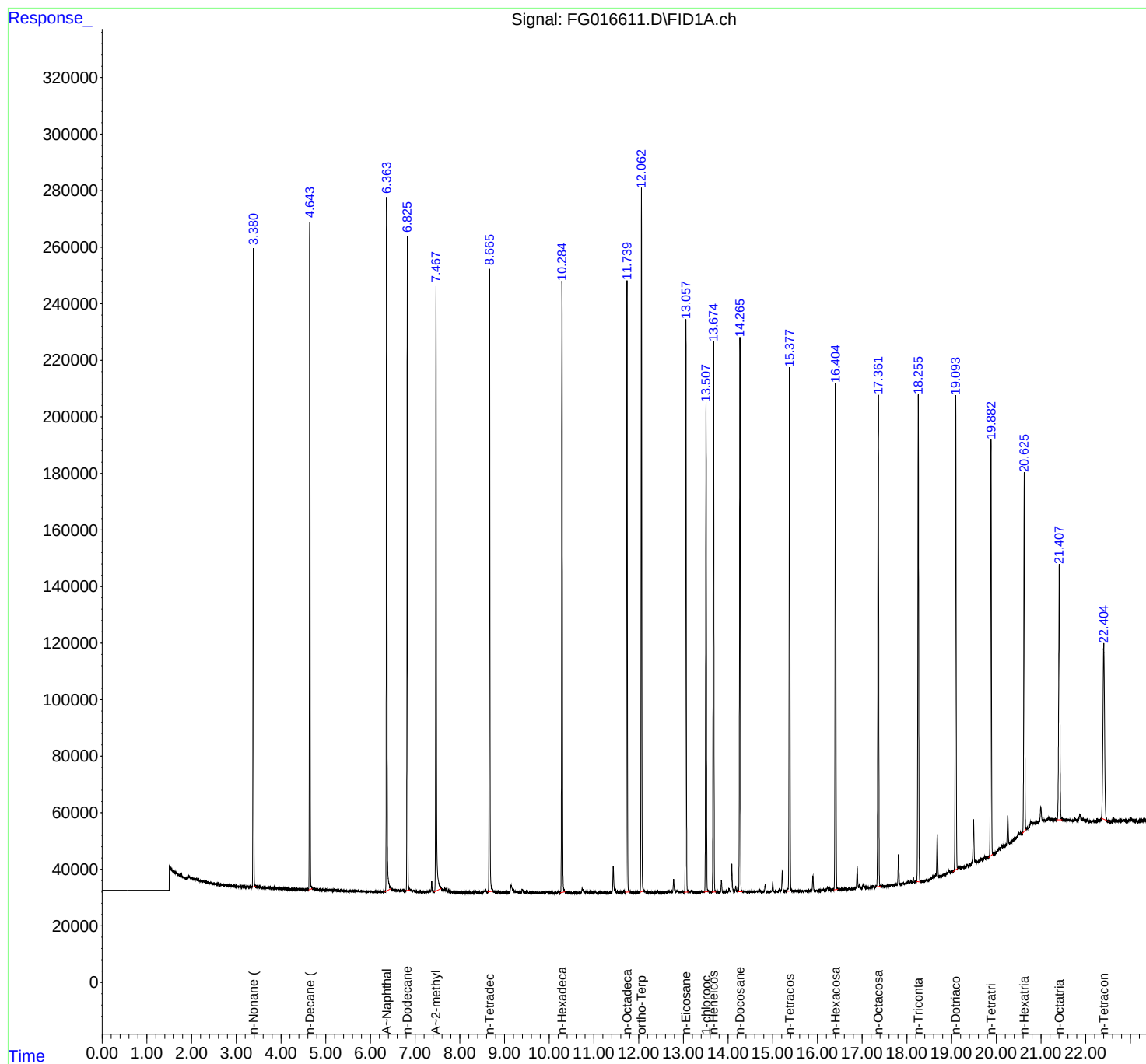
(f)=RT Delta > 1/2 Window

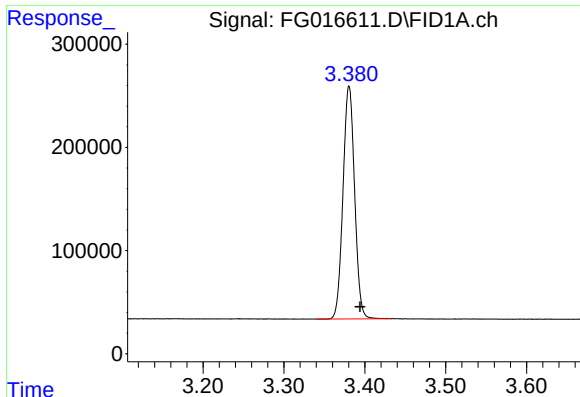
(m)=manual int.

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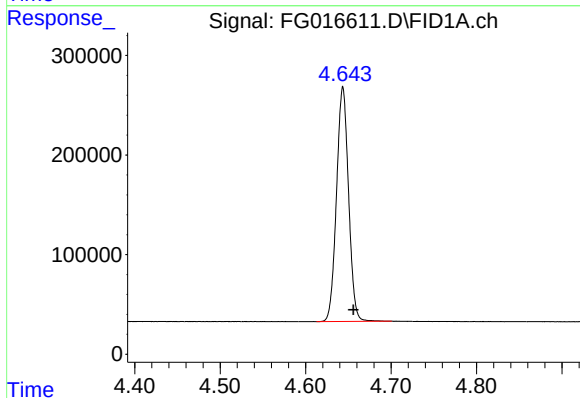
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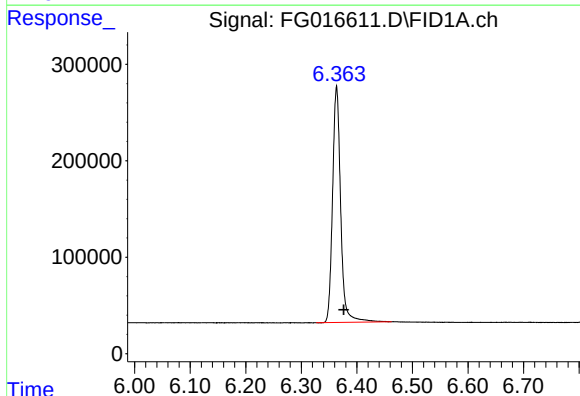
#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.013 min
Response: 2251944
Conc: 19.91 ug/ml



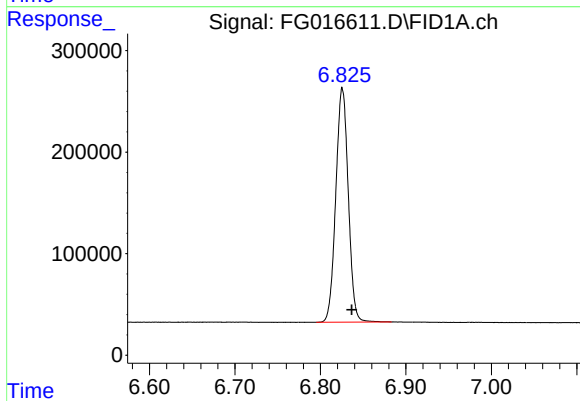
#2 n-Decane (C10)

R.T.: 4.644 min
Delta R.T.: -0.012 min
Response: 2308047
Conc: 20.05 ug/ml



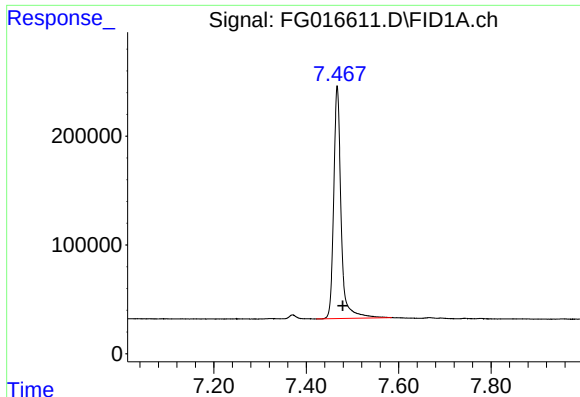
#3 A~Naphthalene (C11.7)

R.T.: 6.364 min
Delta R.T.: -0.013 min
Response: 2484424
Conc: 20.01 ug/ml



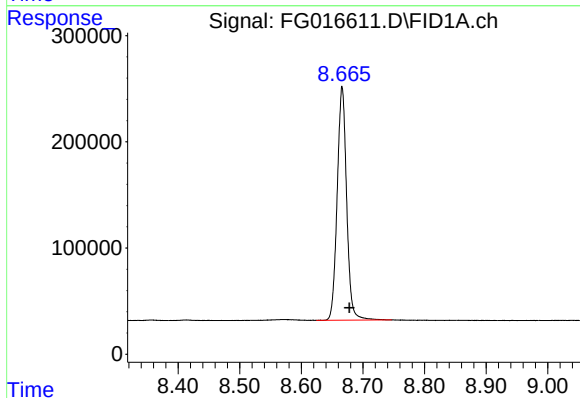
#4 n-Dodecane (C12)

R.T.: 6.826 min
Delta R.T.: -0.011 min
Response: 2341025
Conc: 20.18 ug/ml



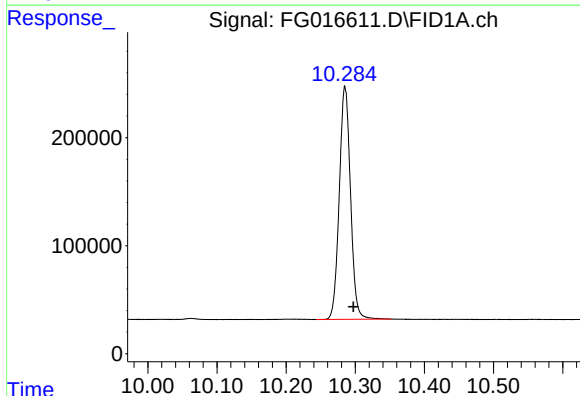
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.467 min
Delta R.T.: -0.012 min
Response: 2379102
Conc: 19.94 ug/ml



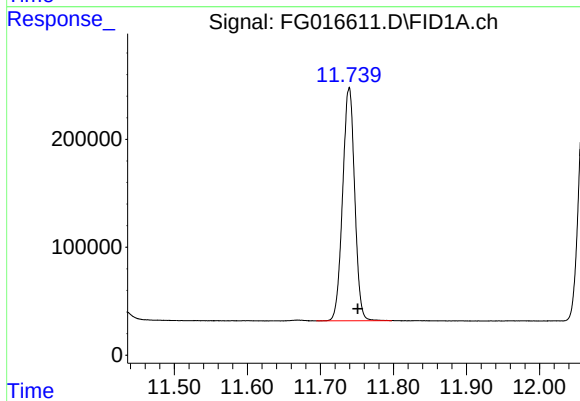
#6 n-Tetradecane (C14)

R.T.: 8.666 min
Delta R.T.: -0.012 min
Response: 2344583
Conc: 20.32 ug/ml



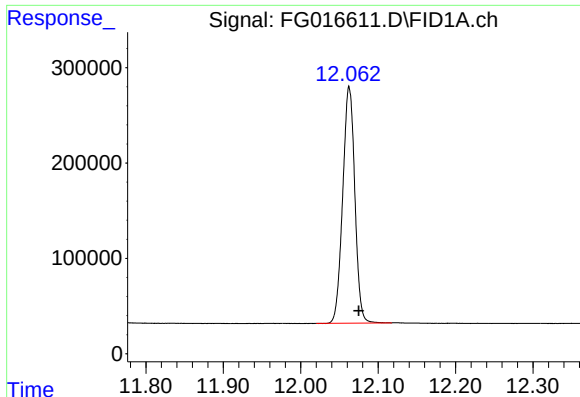
#7 n-Hexadecane (C16)

R.T.: 10.285 min
Delta R.T.: -0.012 min
Response: 2432944
Conc: 20.38 ug/ml



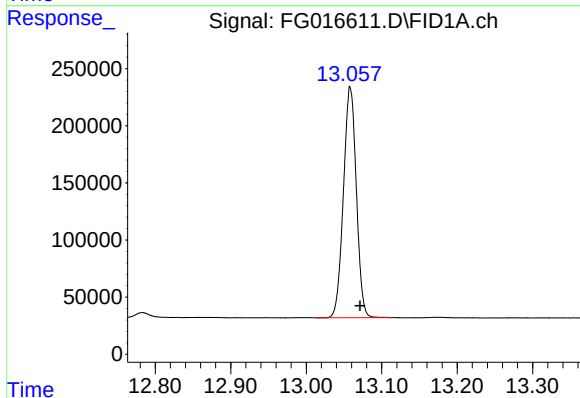
#8 n-Octadecane (C18)

R.T.: 11.739 min
Delta R.T.: -0.012 min
Response: 2478015
Conc: 20.51 ug/ml



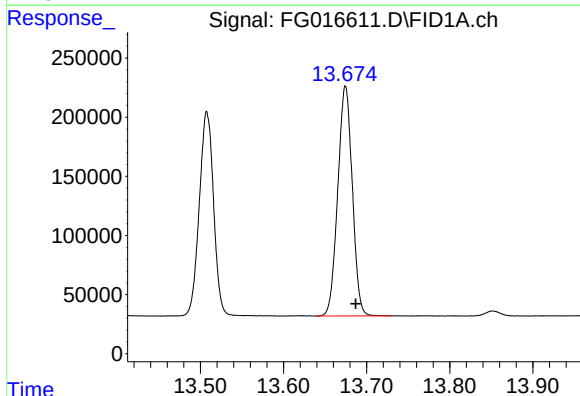
#9 ortho-Terphenyl (SURR)

R.T.: 12.063 min
Delta R.T.: -0.012 min
Response: 2696467
Conc: 20.37 ug/ml



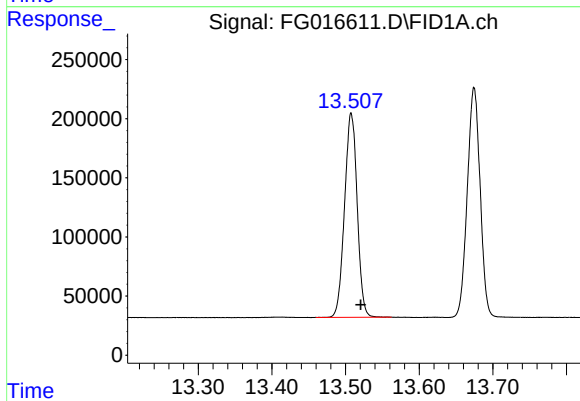
#10 n-Eicosane (C20)

R.T.: 13.058 min
Delta R.T.: -0.013 min
Response: 2402030
Conc: 20.59 ug/ml



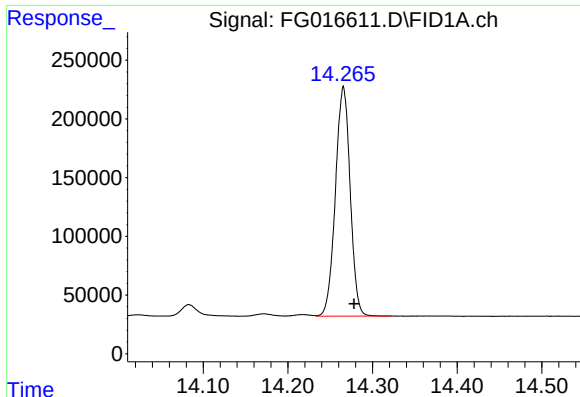
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.012 min
Response: 2361247
Conc: 20.54 ug/ml



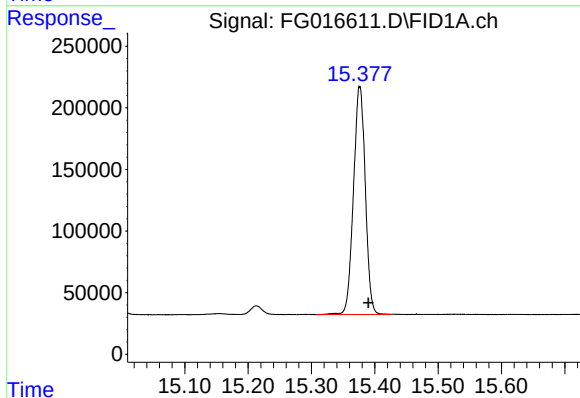
#12 1-chlorooctadecane (SURR)

R.T.: 13.508 min
Delta R.T.: -0.013 min
Response: 2057582
Conc: 20.44 ug/ml



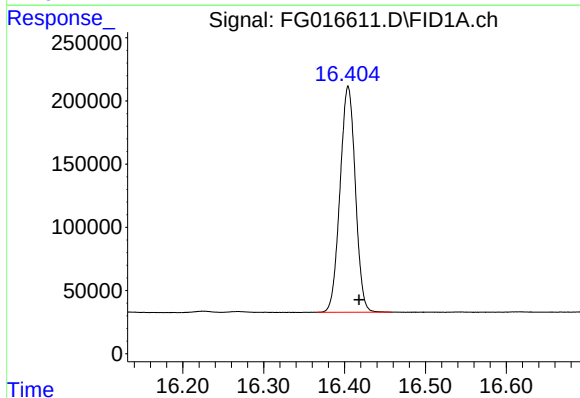
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.013 min
Response: 2366645
Conc: 20.71 ug/ml



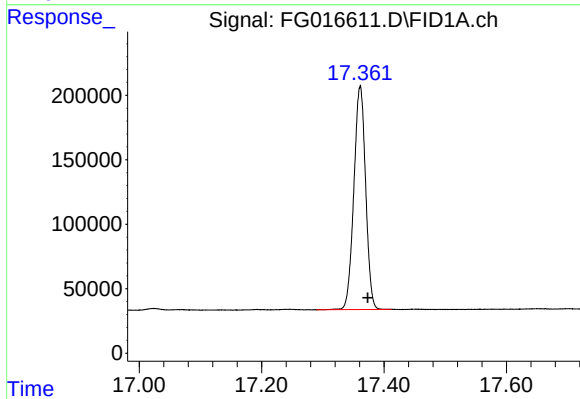
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.014 min
Response: 2404169
Conc: 21.14 ug/ml



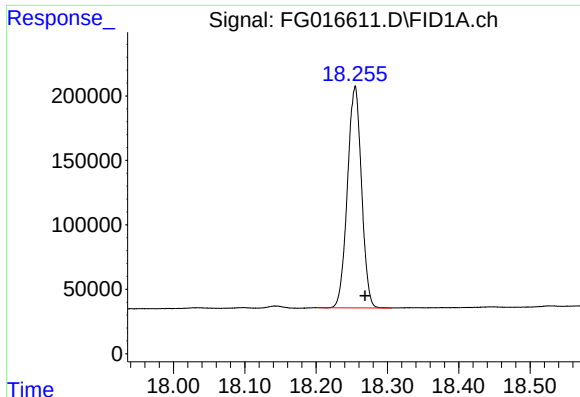
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: -0.013 min
Response: 2352836
Conc: 21.19 ug/ml



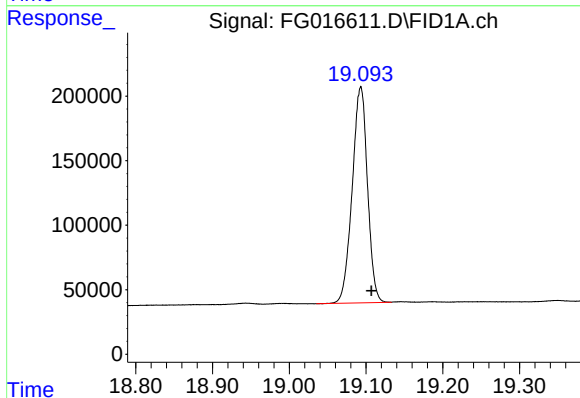
#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: -0.012 min
Response: 2309650
Conc: 21.36 ug/ml



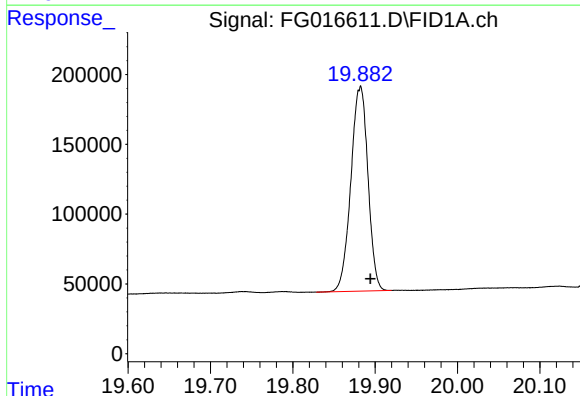
#17 n-Tricontane (C30)

R.T.: 18.255 min
Delta R.T.: -0.014 min
Response: 2357960
Conc: 21.59 ug/ml



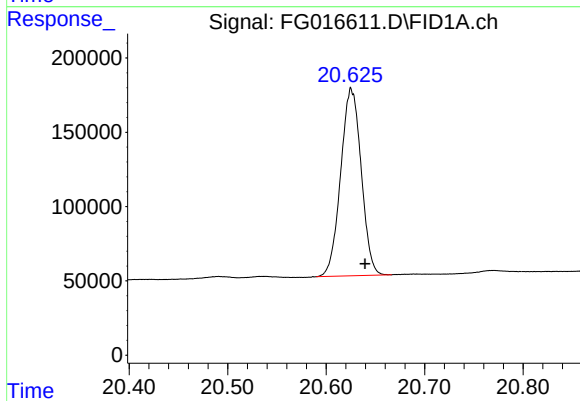
#18 n-Dotriacontane (C32)

R.T.: 19.093 min
Delta R.T.: -0.014 min
Response: 2315514
Conc: 22.02 ug/ml



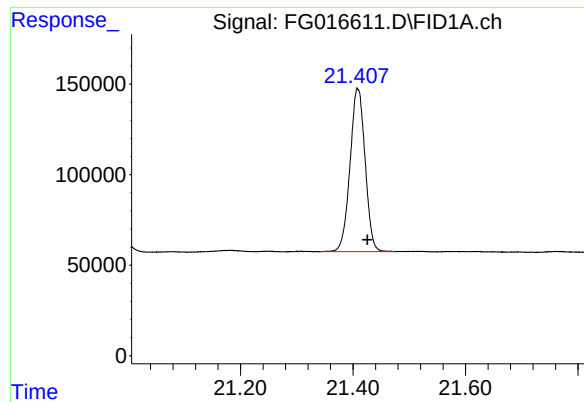
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: -0.012 min
Response: 2112683
Conc: 22.00 ug/ml



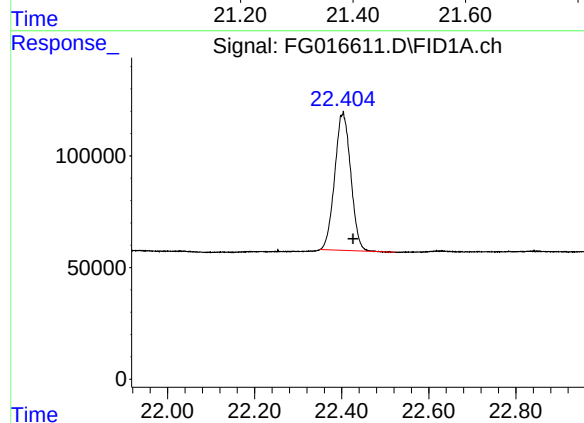
#20 n-Hexatriacontane (C36)

R.T.: 20.625 min
Delta R.T.: -0.014 min
Response: 1824771
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.408 min
Delta R.T.: -0.017 min
Response: 1674886
Conc: 21.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.403 min
Delta R.T.: -0.023 min
Response: 1568447
Conc: 21.11 ug/ml