

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100623AL\
 Data File : FG013033.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2023 04:50
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 07:45:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:00 2023
 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)	11.989	715171	5.317 ug/ml
Spiked Amount 50.000		Recovery =	10.63%
12) S 1-chlorooctadecane (S...	13.429	532825	5.287 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
Target Compounds			
1) T n-Nonane (C9)	3.345	633521	5.304 ug/ml
2) T n-Decane (C10)	4.598	647134	5.308 ug/ml
3) T A~Naphthalene (C11.7)	6.311	679356	5.249 ug/ml
4) T n-Dodecane (C12)	6.772	645547	5.296 ug/ml
5) T A~2-methylnaphthalene...	7.410	651203	5.237 ug/ml
6) T n-Tetradecane (C14)	8.606	634668	5.305 ug/ml
7) T n-Hexadecane (C16)	10.219	649767	5.310 ug/ml
8) T n-Octadecane (C18)	11.668	653326	5.336 ug/ml
10) T n-Eicosane (C20)	12.982	625488	5.357 ug/ml
11) T n-Heneicosane (C21)	13.596	612783	5.366 ug/ml
13) T n-Docosane (C22)	14.184	610399	5.379 ug/ml
14) T n-Tetracosane (C24)	15.291	618304	5.462 ug/ml
15) T n-Hexacosane (C26)	16.315	604625	5.453 ug/ml
16) T n-Octacosane (C28)	17.267	610828	5.568 ug/ml
17) T n-Tricontane (C30)	18.156	662861	5.789 ug/ml
18) T n-Dotriacontane (C32)	18.989	678578	5.911 ug/ml
19) T n-Tetratriacontane (C34)	19.776	640854	5.728 ug/ml
20) T n-Hexatriacontane (C36)	20.515	652441	5.721 ug/ml
21) T n-Octatriacontane (C38)	21.274	635426	5.539 ug/ml
22) T n-Tetracontane (C40)	22.226	615339	5.316 ug/ml

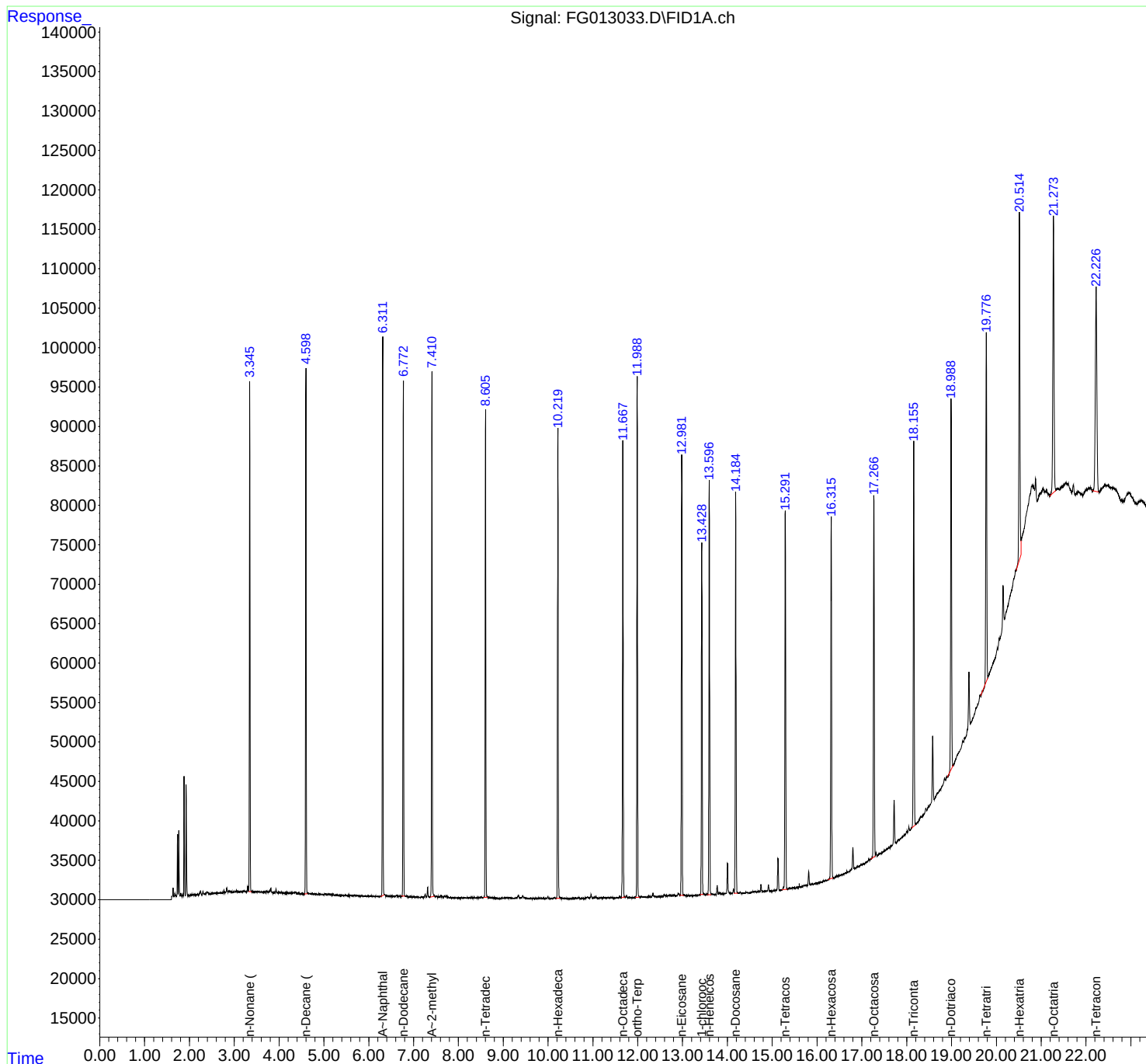
(f)=RT Delta > 1/2 Window

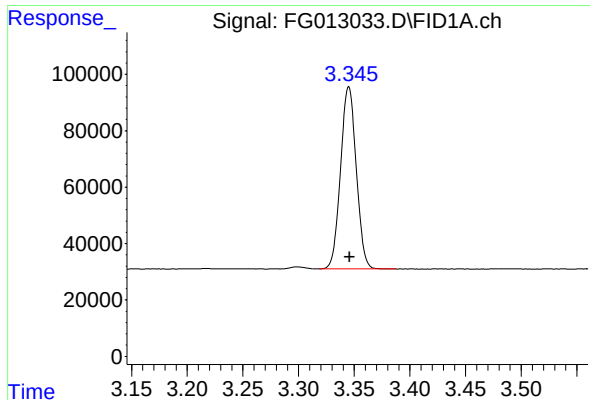
(m)=manual int.

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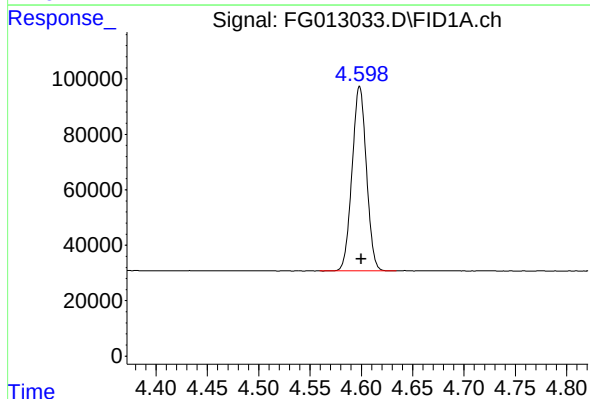
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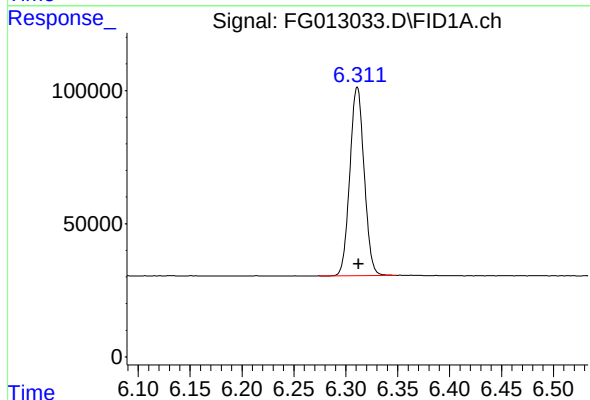
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 633521
Conc: 5.30 ug/ml



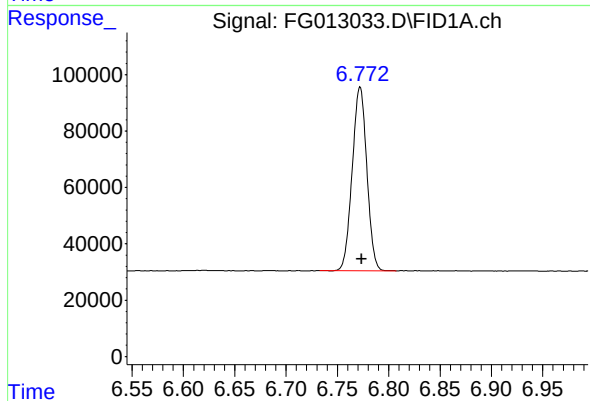
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 647134
Conc: 5.31 ug/ml



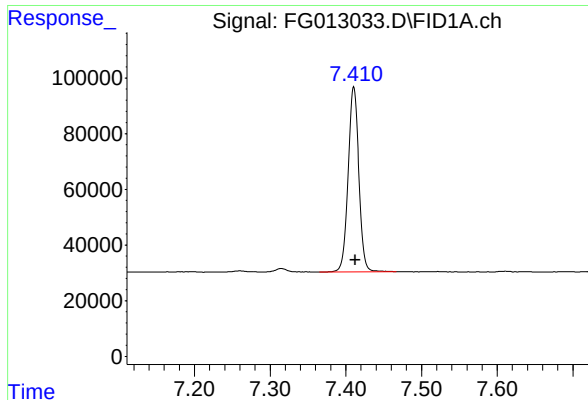
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.001 min
Response: 679356
Conc: 5.25 ug/ml



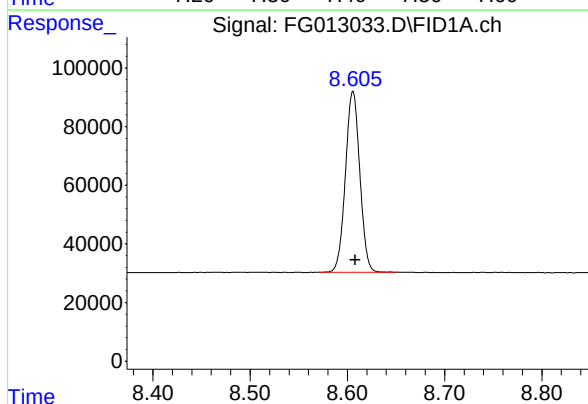
#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 645547
Conc: 5.30 ug/ml



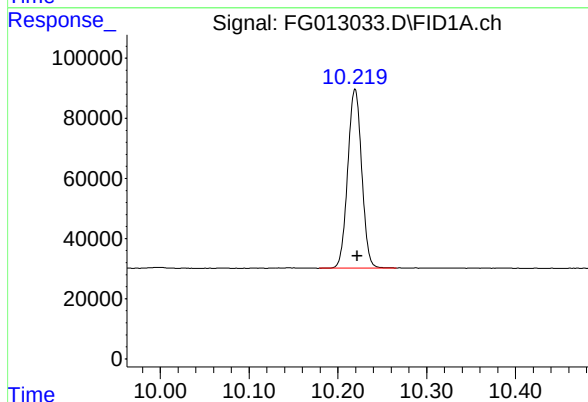
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: -0.002 min
Response: 651203
Conc: 5.24 ug/ml



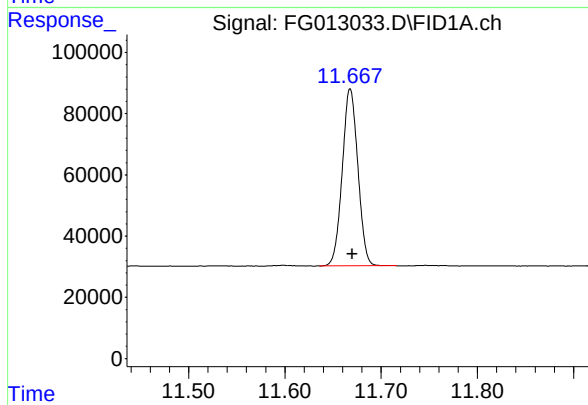
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 634668
Conc: 5.31 ug/ml



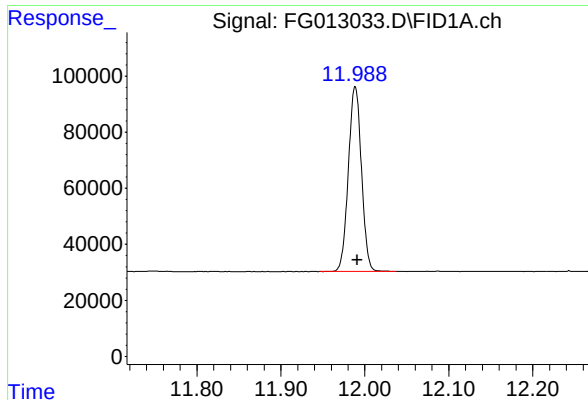
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 649767
Conc: 5.31 ug/ml



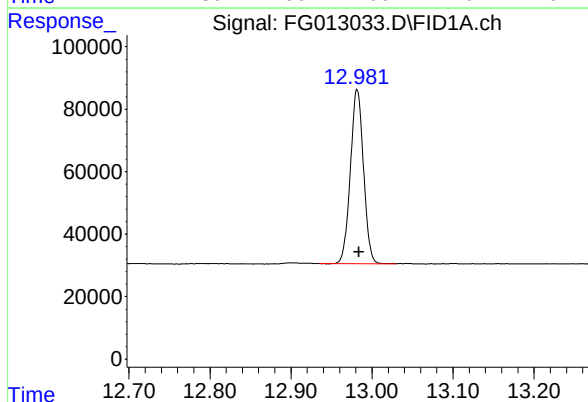
#8 n-Octadecane (C18)

R.T.: 11.668 min
Delta R.T.: -0.002 min
Response: 653326
Conc: 5.34 ug/ml



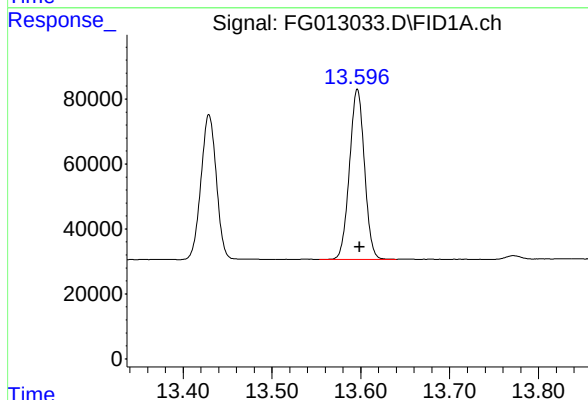
#9 ortho-Terphenyl (SURR)

R.T.: 11.989 min
Delta R.T.: -0.003 min
Response: 715171
Conc: 5.32 ug/ml



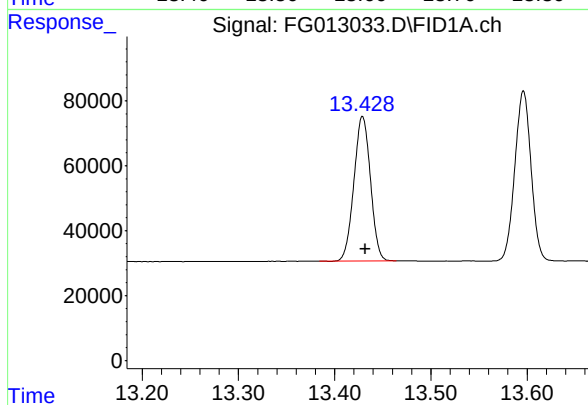
#10 n-Eicosane (C20)

R.T.: 12.982 min
Delta R.T.: -0.002 min
Response: 625488
Conc: 5.36 ug/ml



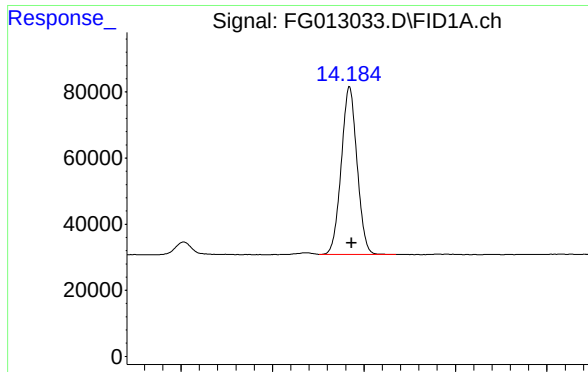
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: -0.003 min
Response: 612783
Conc: 5.37 ug/ml



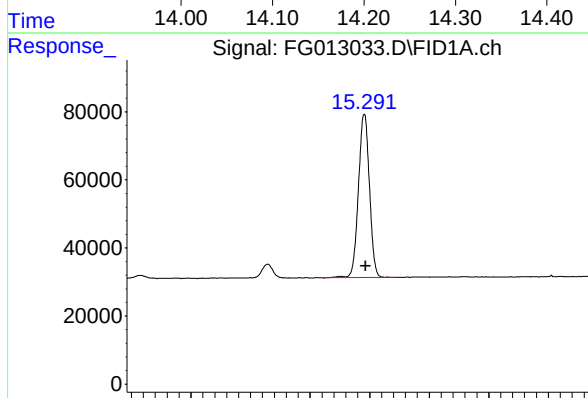
#12 1-chlorooctadecane (SURR)

R.T.: 13.429 min
Delta R.T.: -0.003 min
Response: 532825
Conc: 5.29 ug/ml



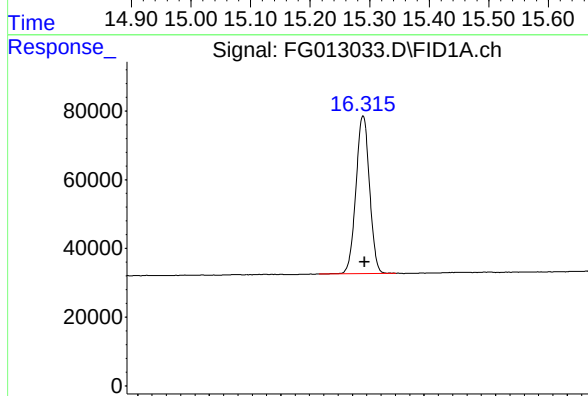
#13 n-Docosane (C22)

R.T.: 14.184 min
Delta R.T.: -0.002 min
Response: 610399
Conc: 5.38 ug/ml



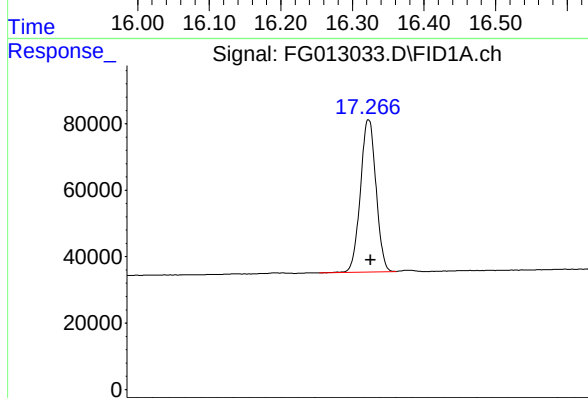
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: -0.002 min
Response: 618304
Conc: 5.46 ug/ml



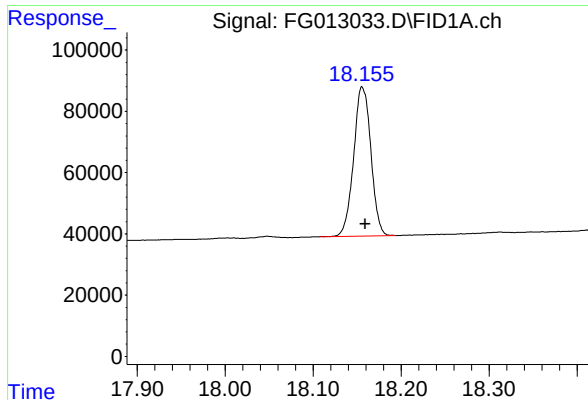
#15 n-Hexacosane (C26)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 604625
Conc: 5.45 ug/ml



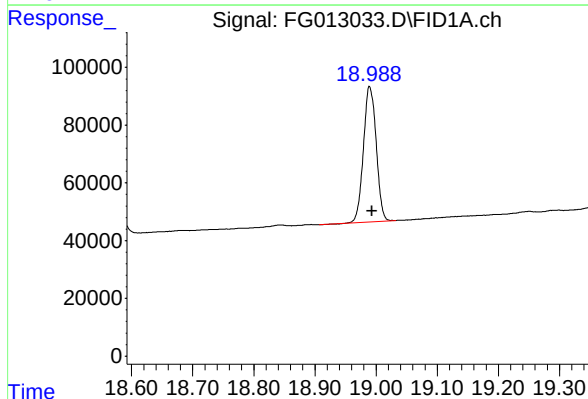
#16 n-Octacosane (C28)

R.T.: 17.267 min
Delta R.T.: -0.002 min
Response: 610828
Conc: 5.57 ug/ml



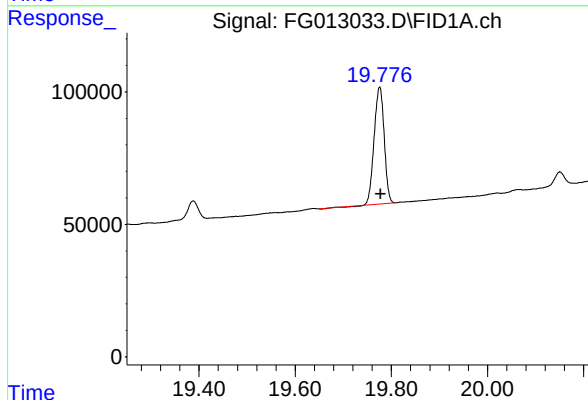
#17 n-Tricontane (C30)

R.T.: 18.156 min
Delta R.T.: -0.003 min
Response: 662861
Conc: 5.79 ug/ml



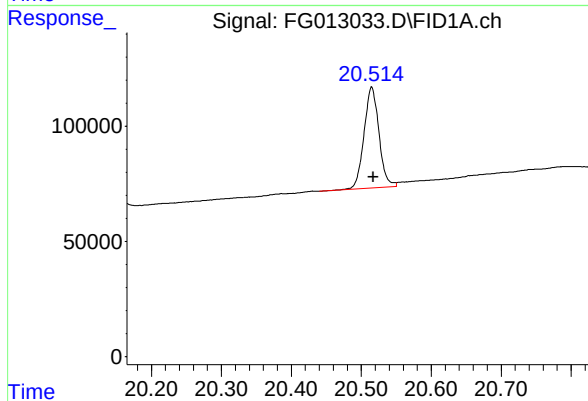
#18 n-Dotriacontane (C32)

R.T.: 18.989 min
Delta R.T.: -0.004 min
Response: 678578
Conc: 5.91 ug/ml



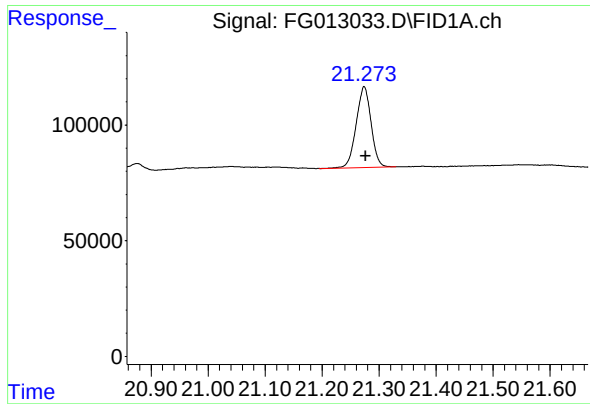
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: -0.002 min
Response: 640854
Conc: 5.73 ug/ml



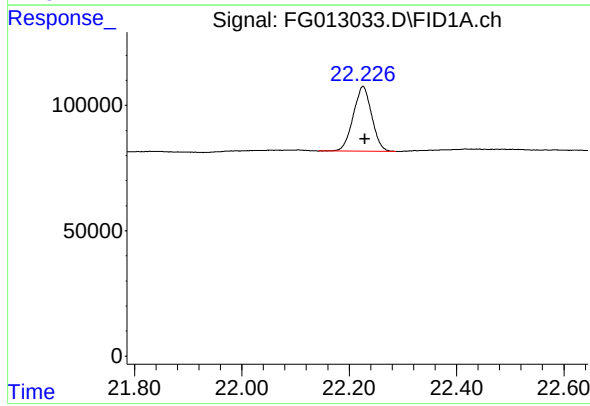
#20 n-Hexatriacontane (C36)

R.T.: 20.515 min
Delta R.T.: -0.002 min
Response: 652441
Conc: 5.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.274 min
Delta R.T.: -0.003 min
Response: 635426
Conc: 5.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.226 min
Delta R.T.: -0.003 min
Response: 615339
Conc: 5.32 ug/ml