

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091225AL\
 Data File : FG016607.D
 Signal(s) : FID1A.ch
 Acq On : 12 Sep 2025 08:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 13 01:26:25 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)	12.064	2682731	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	13.509	2037251	20.239 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T n-Nonane (C9)	3.382	2323976	20.543 ug/ml
2) T n-Decane (C10)	4.645	2372973	20.615 ug/ml
3) T A~Naphthalene (C11.7)	6.365	2525689	20.339 ug/ml
4) T n-Dodecane (C12)	6.827	2390900	20.610 ug/ml
5) T A~2-methylnaphthalene...	7.468	2399309	20.114 ug/ml
6) T n-Tetradecane (C14)	8.667	2372053	20.558 ug/ml
7) T n-Hexadecane (C16)	10.286	2444978	20.483 ug/ml
8) T n-Octadecane (C18)	11.740	2468436	20.430 ug/ml
10) T n-Eicosane (C20)	13.059	2378989	20.393 ug/ml
11) T n-Heneicosane (C21)	13.675	2334578	20.311 ug/ml
13) T n-Docosane (C22)	14.267	2339452	20.475 ug/ml
14) T n-Tetracosane (C24)	15.377	2375027	20.880 ug/ml
15) T n-Hexacosane (C26)	16.407	2320747	20.900 ug/ml
16) T n-Octacosane (C28)	17.363	2292318	21.204 ug/ml
17) T n-Tricontane (C30)	18.257	2344171	21.463 ug/ml
18) T n-Dotriacontane (C32)	19.094	2313329	22.003 ug/ml
19) T n-Tetratriacontane (C34)	19.882	2120889	22.086 ug/ml
20) T n-Hexatriacontane (C36)	20.626	1835967	21.955 ug/ml
21) T n-Octatriacontane (C38)	21.411	1685085	21.885 ug/ml
22) T n-Tetracontane (C40)	22.402	1597637	21.504 ug/ml

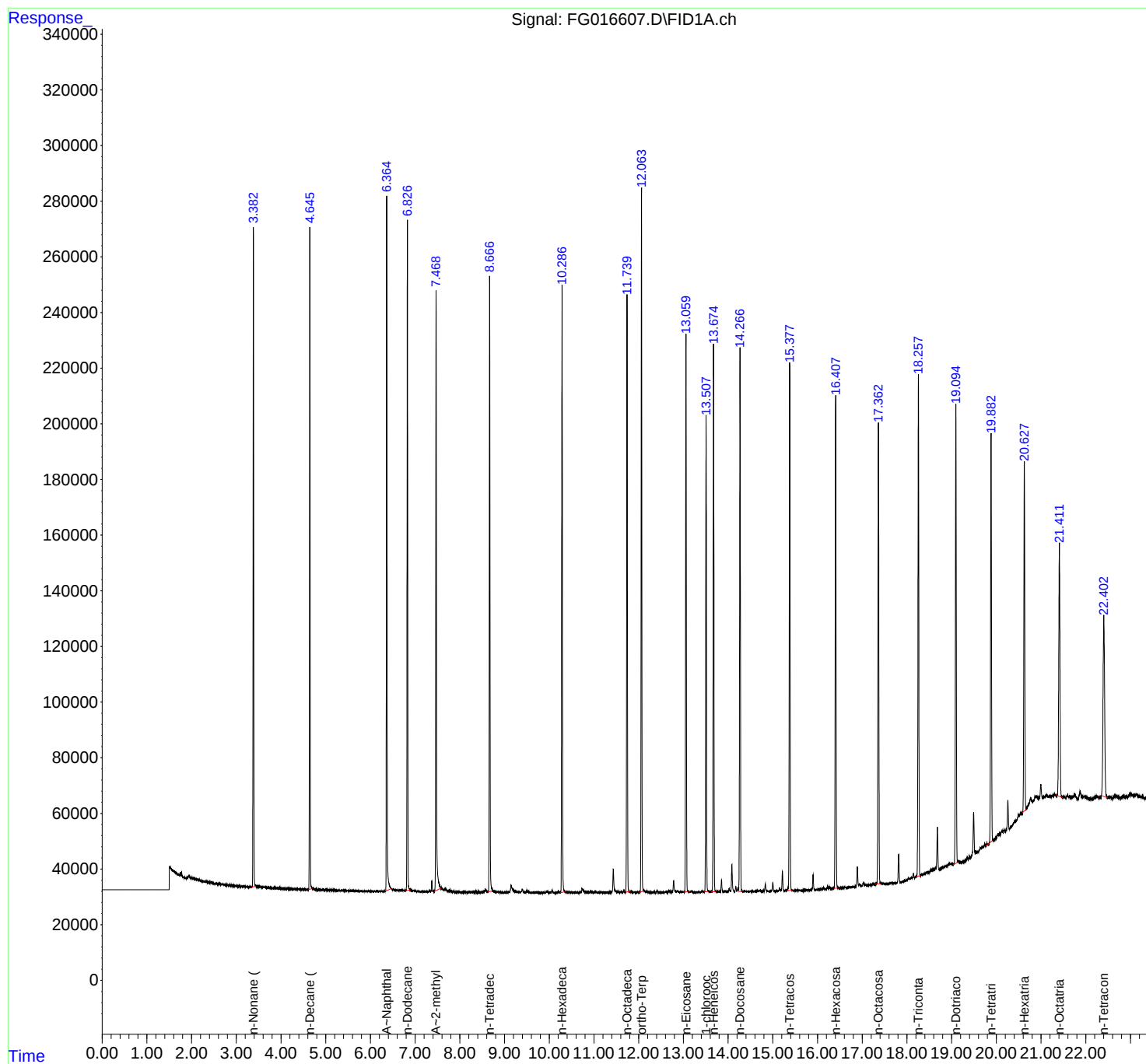
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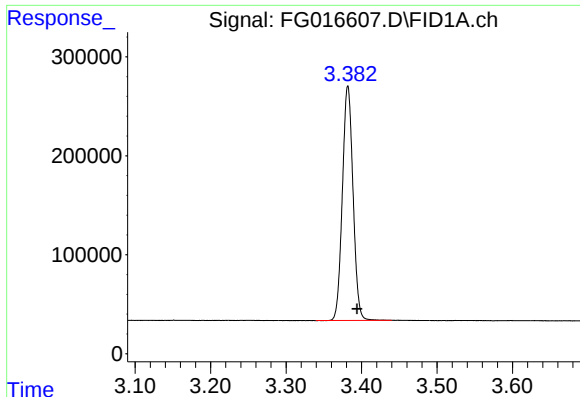
(m)=manual int.

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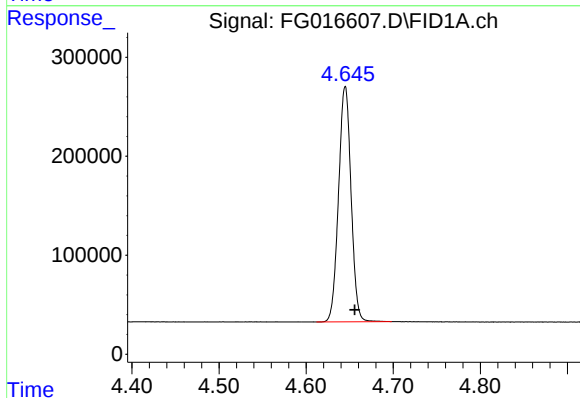
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





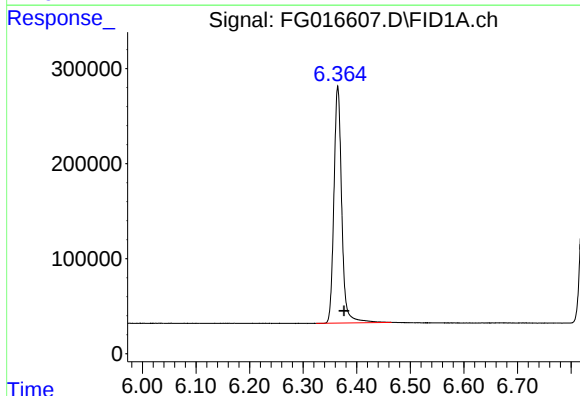
#1 n-Nonane (C9)

R.T.: 3.382 min
Delta R.T.: -0.012 min
Response: 2323976
Conc: 20.54 ug/ml



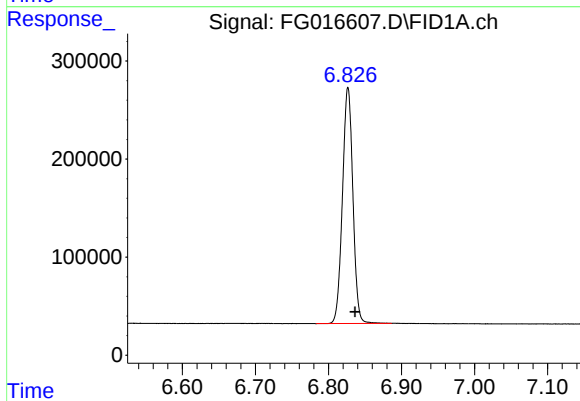
#2 n-Decane (C10)

R.T.: 4.645 min
Delta R.T.: -0.011 min
Response: 2372973
Conc: 20.62 ug/ml



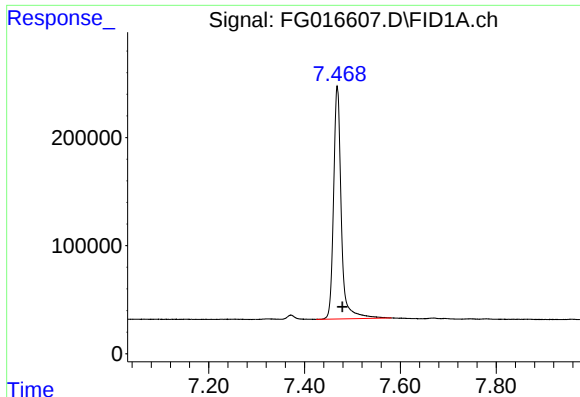
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min
Delta R.T.: -0.012 min
Response: 2525689
Conc: 20.34 ug/ml



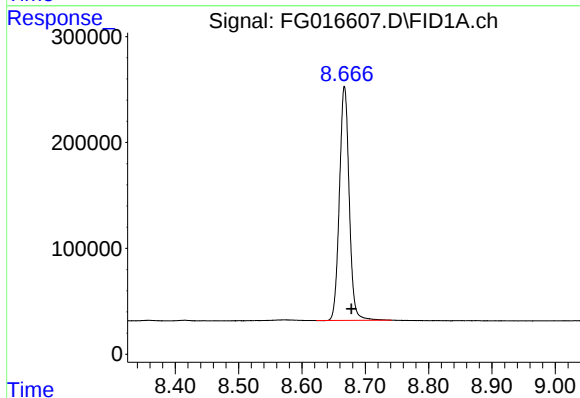
#4 n-Dodecane (C12)

R.T.: 6.827 min
Delta R.T.: -0.010 min
Response: 2390900
Conc: 20.61 ug/ml



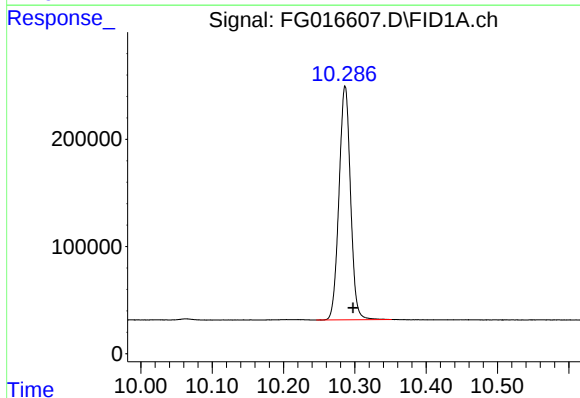
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.468 min
Delta R.T.: -0.011 min
Response: 2399309
Conc: 20.11 ug/ml



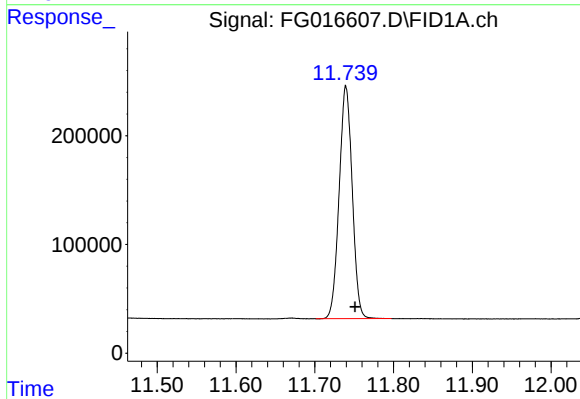
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: -0.011 min
Response: 2372053
Conc: 20.56 ug/ml



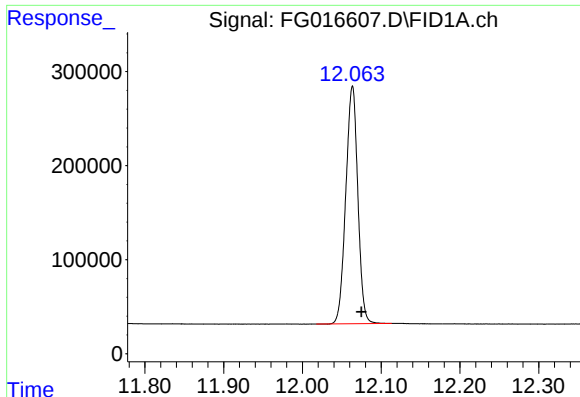
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 2444978
Conc: 20.48 ug/ml



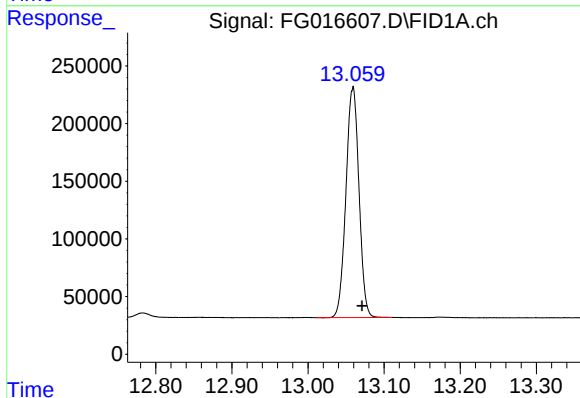
#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.012 min
Response: 2468436
Conc: 20.43 ug/ml



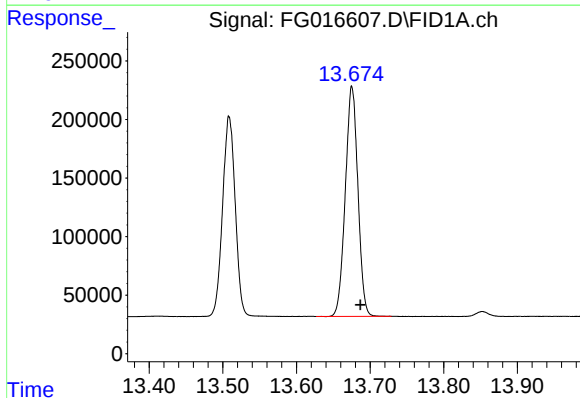
#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: -0.011 min
Response: 2682731
Conc: 20.26 ug/ml



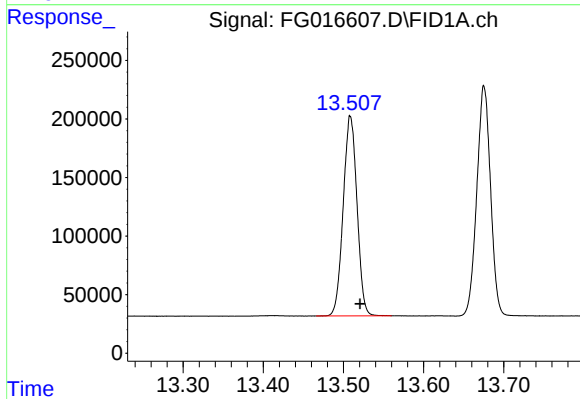
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: -0.012 min
Response: 2378989
Conc: 20.39 ug/ml



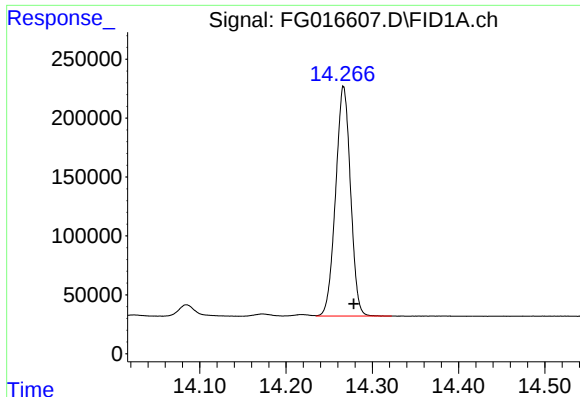
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.012 min
Response: 2334578
Conc: 20.31 ug/ml



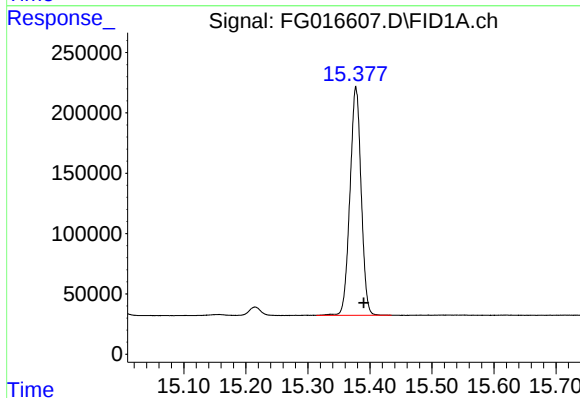
#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: -0.012 min
Response: 2037251
Conc: 20.24 ug/ml



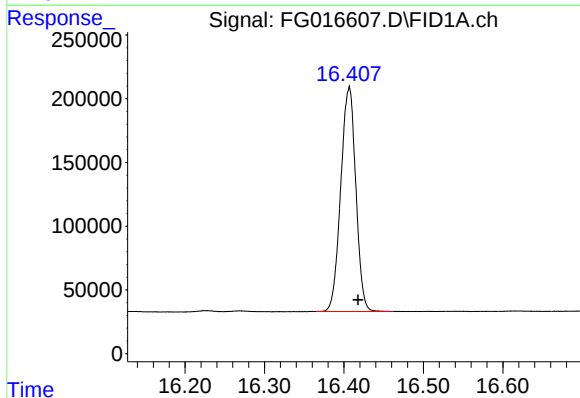
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: -0.012 min
Response: 2339452
Conc: 20.48 ug/ml



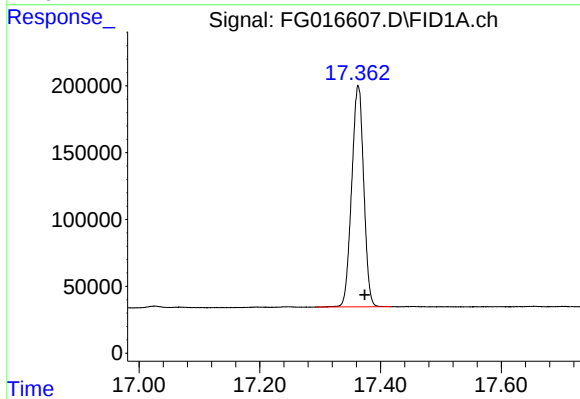
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.012 min
Response: 2375027
Conc: 20.88 ug/ml



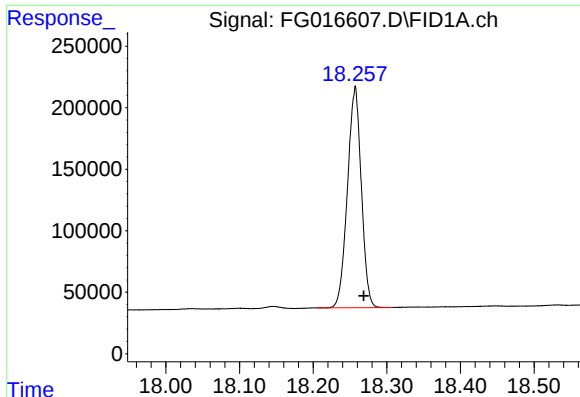
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: -0.011 min
Response: 2320747
Conc: 20.90 ug/ml



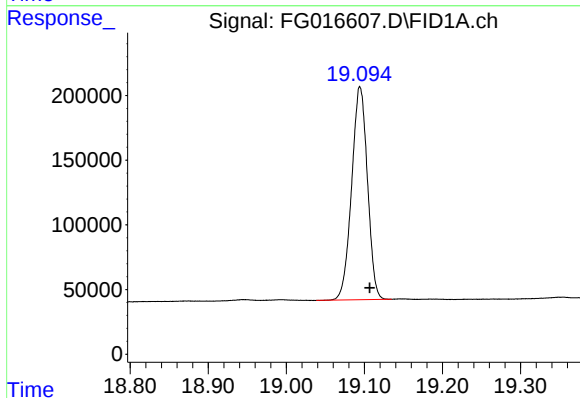
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: -0.010 min
Response: 2292318
Conc: 21.20 ug/ml



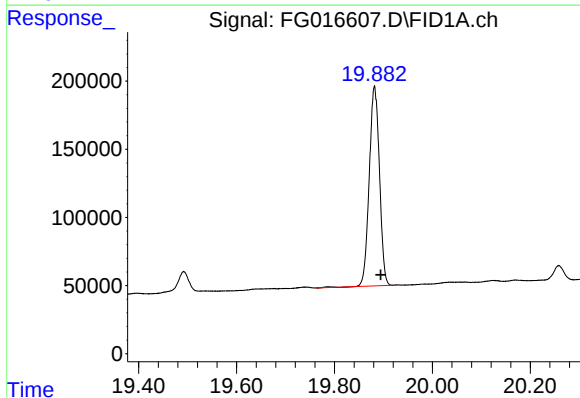
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: -0.012 min
Response: 2344171
Conc: 21.46 ug/ml



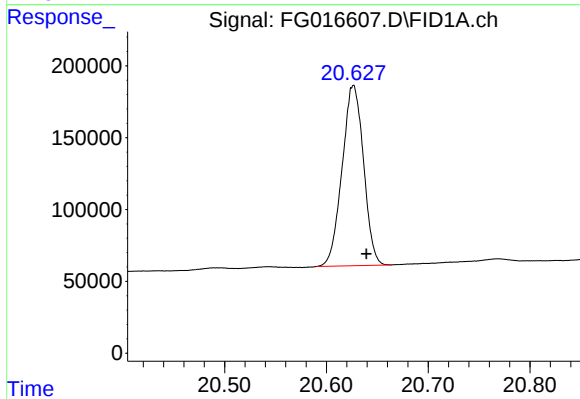
#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: -0.013 min
Response: 2313329
Conc: 22.00 ug/ml



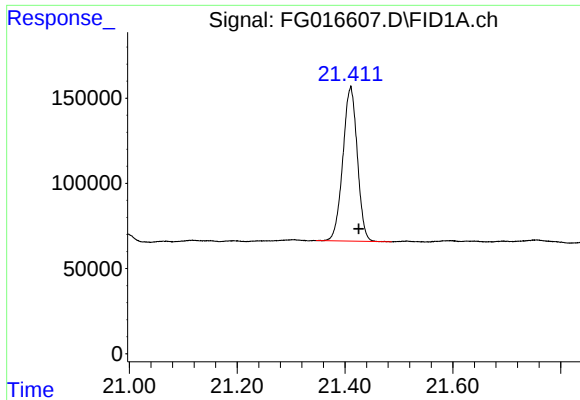
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: -0.013 min
Response: 2120889
Conc: 22.09 ug/ml



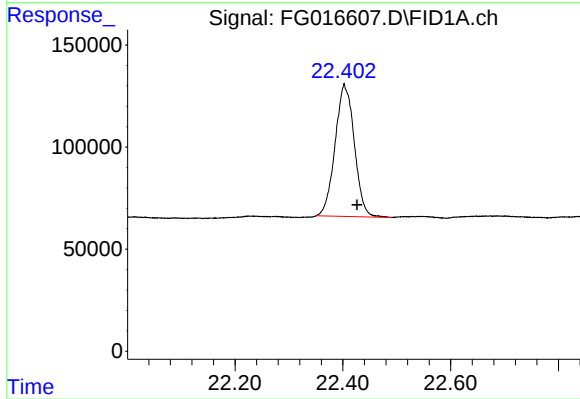
#20 n-Hexatriacontane (C36)

R.T.: 20.626 min
Delta R.T.: -0.013 min
Response: 1835967
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.411 min
Delta R.T.: -0.015 min
Response: 1685085
Conc: 21.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.402 min
Delta R.T.: -0.024 min
Response: 1597637
Conc: 21.50 ug/ml