

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083025AL\
 Data File : FG016494.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 23:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 05:12:29 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)	12.069	2497721	18.867 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.515	1883873	18.715 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.390	2154082	19.041 ug/ml
2) T n-Decane (C10)	4.652	2191899	19.042 ug/ml
3) T A~Naphthalene (C11.7)	6.370	2370935	19.093 ug/ml
4) T n-Dodecane (C12)	6.833	2214895	19.093 ug/ml
5) T A~2-methylnaphthalene...	7.474	2278717	19.103 ug/ml
6) T n-Tetradecane (C14)	8.673	2193286	19.009 ug/ml
7) T n-Hexadecane (C16)	10.292	2260903	18.941 ug/ml
8) T n-Octadecane (C18)	11.745	2282866	18.894 ug/ml
10) T n-Eicosane (C20)	13.065	2195017	18.816 ug/ml
11) T n-Heneicosane (C21)	13.681	2157377	18.769 ug/ml
13) T n-Docosane (C22)	14.272	2137758	18.710 ug/ml
14) T n-Tetracosane (C24)	15.384	2122646	18.661 ug/ml
15) T n-Hexacosane (C26)	16.412	2064131	18.589 ug/ml
16) T n-Octacosane (C28)	17.369	1997141	18.474 ug/ml
17) T n-Tricontane (C30)	18.262	2011752	18.419 ug/ml
18) T n-Dotriacontane (C32)	19.100	1937480	18.428 ug/ml
19) T n-Tetratriacontane (C34)	19.889	1780878	18.545 ug/ml
20) T n-Hexatriacontane (C36)	20.633	1559435	18.648 ug/ml
21) T n-Octatriacontane (C38)	21.419	1439482	18.695 ug/ml
22) T n-Tetracontane (C40)	22.414	1379463	18.568 ug/ml

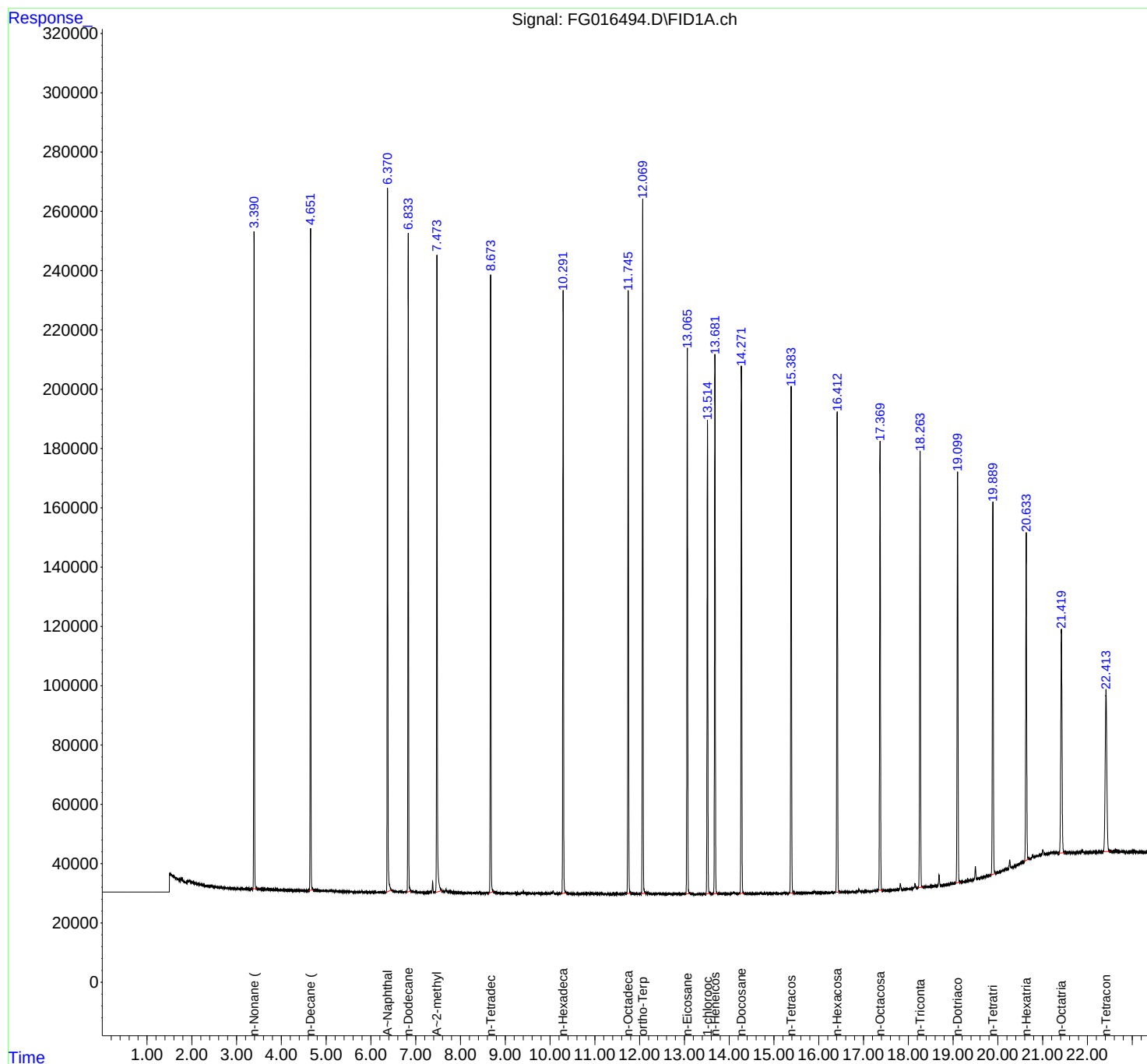
(f)=RT Delta > 1/2 Window

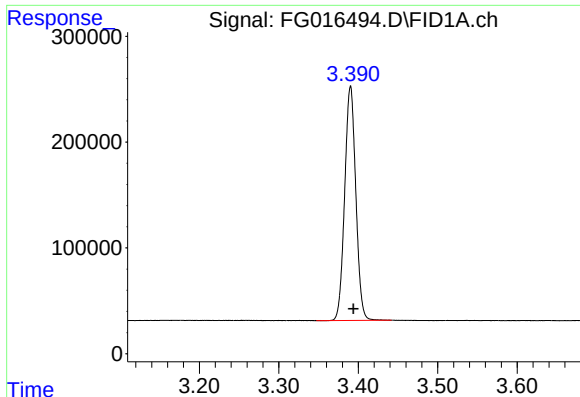
(m)=manual int.

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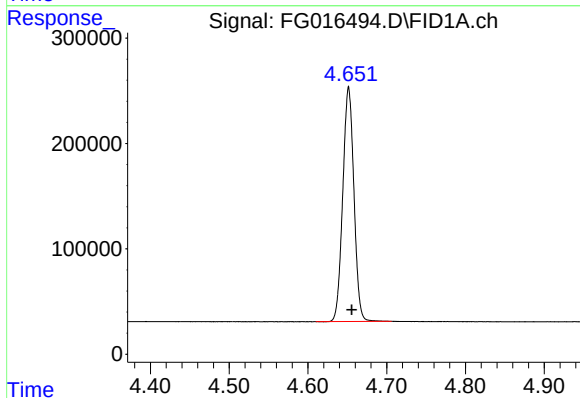
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





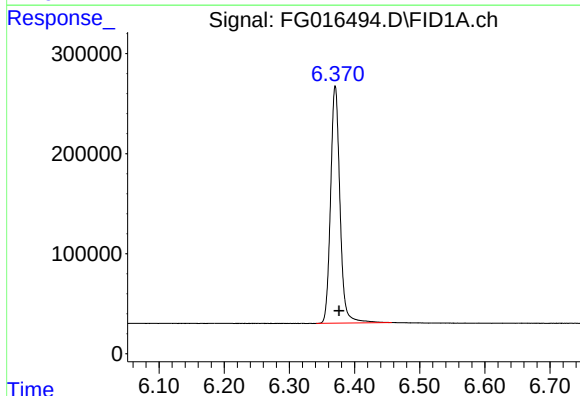
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: -0.004 min
Response: 2154082
Conc: 19.04 ug/ml



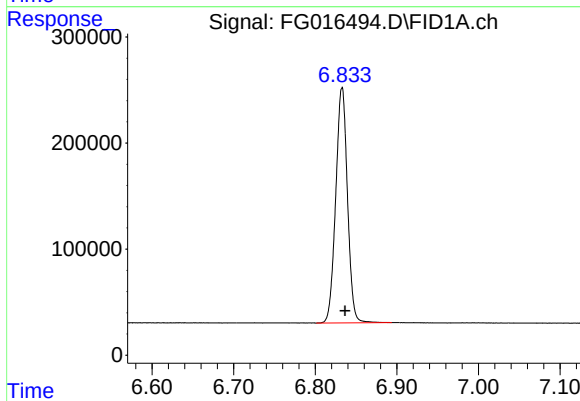
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 2191899
Conc: 19.04 ug/ml



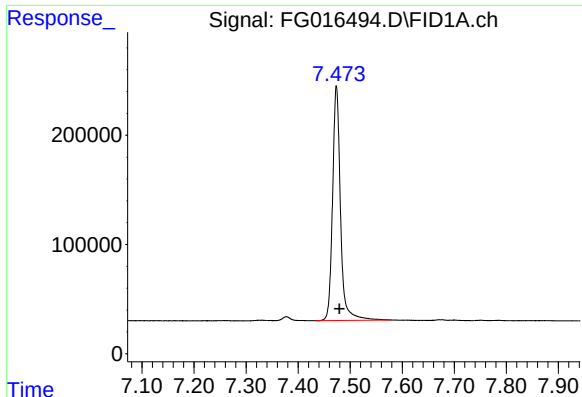
#3 A~Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: -0.006 min
Response: 2370935
Conc: 19.09 ug/ml



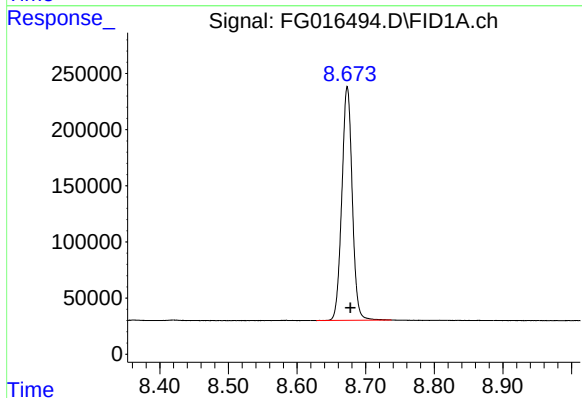
#4 n-Dodecane (C12)

R.T.: 6.833 min
Delta R.T.: -0.004 min
Response: 2214895
Conc: 19.09 ug/ml



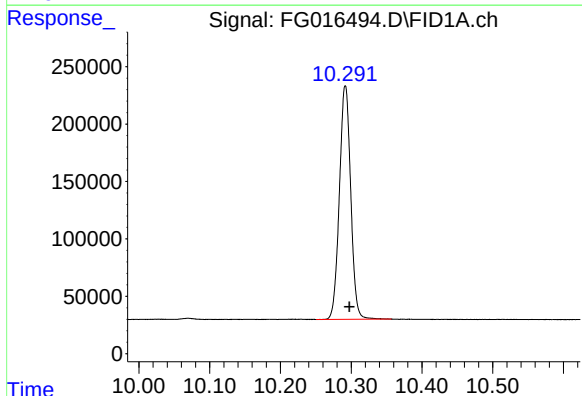
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.474 min
Delta R.T.: -0.006 min
Response: 2278717
Conc: 19.10 ug/ml



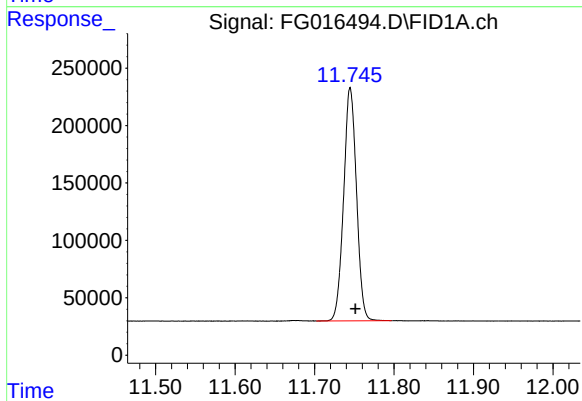
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 2193286
Conc: 19.01 ug/ml



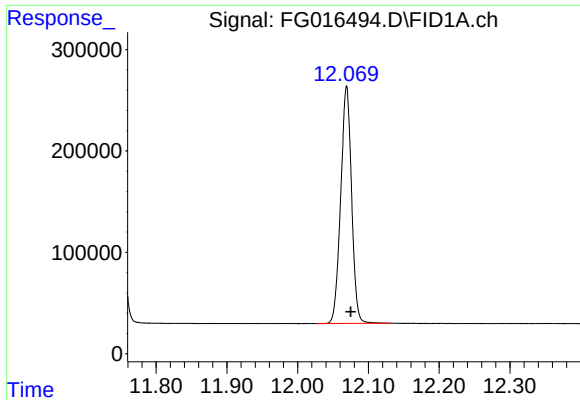
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.006 min
Response: 2260903
Conc: 18.94 ug/ml



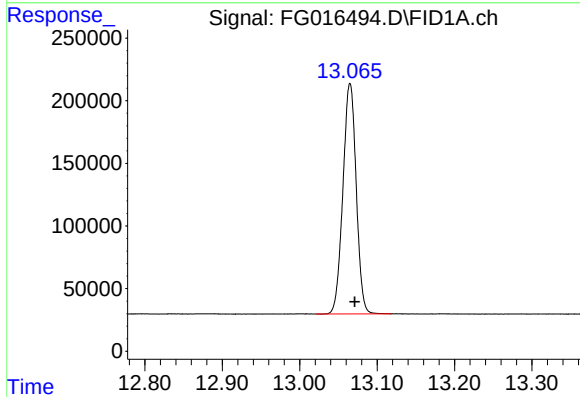
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.006 min
Response: 2282866
Conc: 18.89 ug/ml



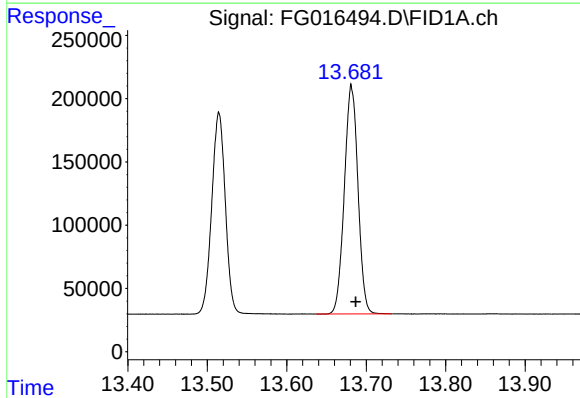
#9 ortho-Terphenyl (SURR)

R.T.: 12.069 min
Delta R.T.: -0.006 min
Response: 2497721
Conc: 18.87 ug/ml



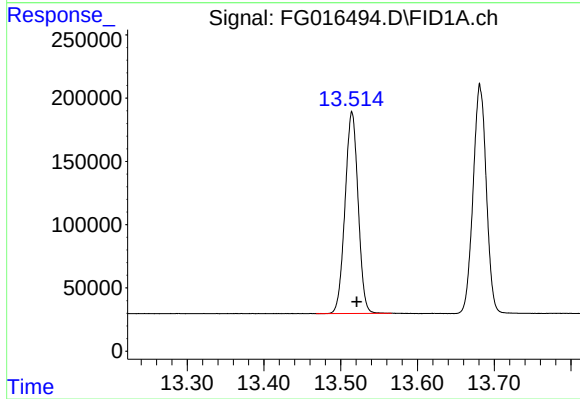
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.006 min
Response: 2195017
Conc: 18.82 ug/ml



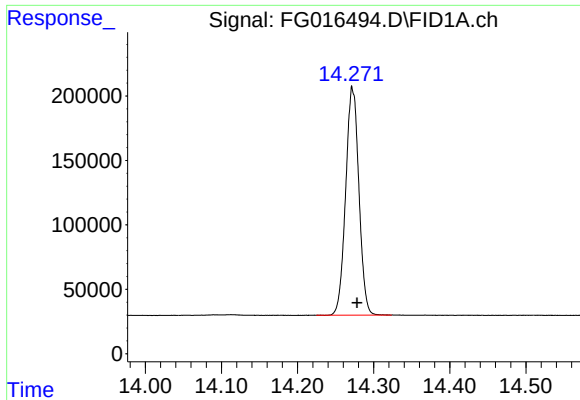
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 2157377
Conc: 18.77 ug/ml



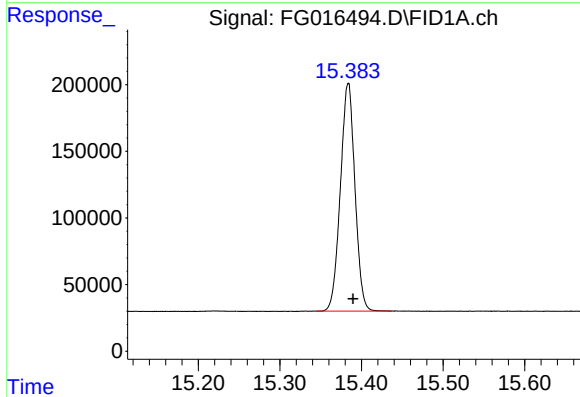
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: -0.006 min
Response: 1883873
Conc: 18.72 ug/ml



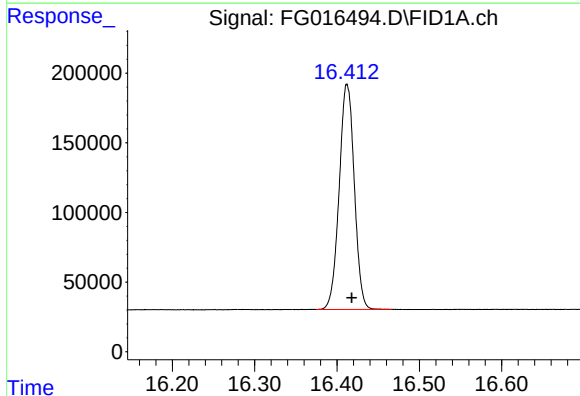
#13 n-Docosane (C22)

R.T.: 14.272 min
Delta R.T.: -0.006 min
Response: 2137758
Conc: 18.71 ug/ml



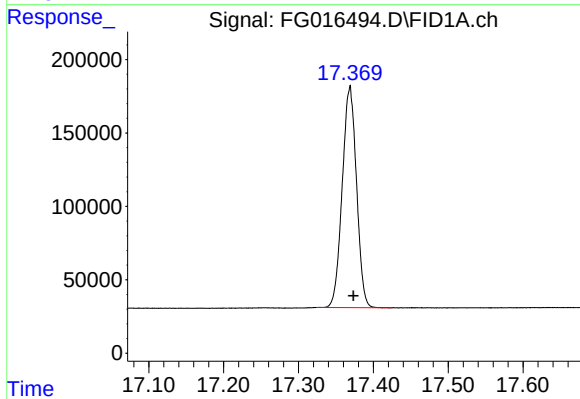
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: -0.006 min
Response: 2122646
Conc: 18.66 ug/ml



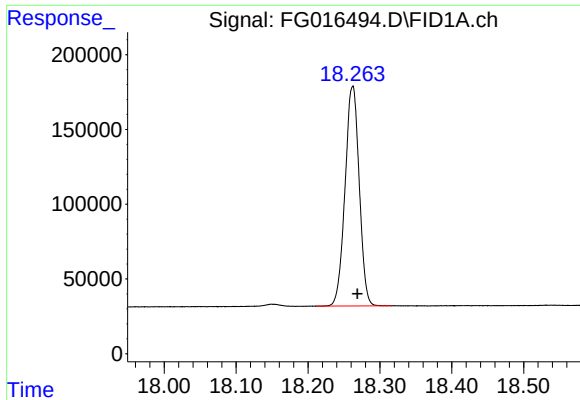
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: -0.006 min
Response: 2064131
Conc: 18.59 ug/ml



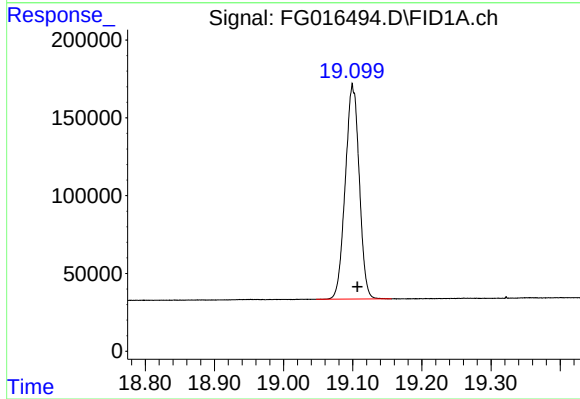
#16 n-Octacosane (C28)

R.T.: 17.369 min
Delta R.T.: -0.005 min
Response: 1997141
Conc: 18.47 ug/ml



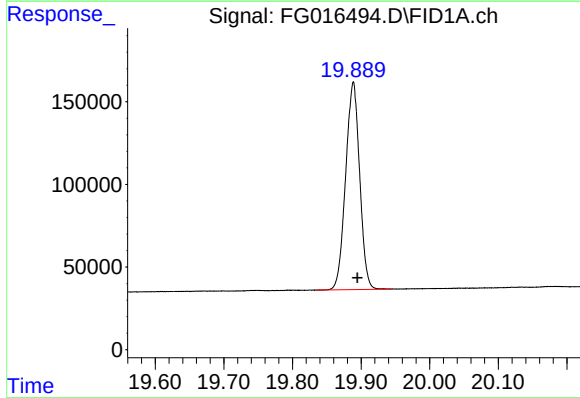
#17 n-Tricontane (C30)

R.T.: 18.262 min
Delta R.T.: -0.007 min
Response: 2011752
Conc: 18.42 ug/ml



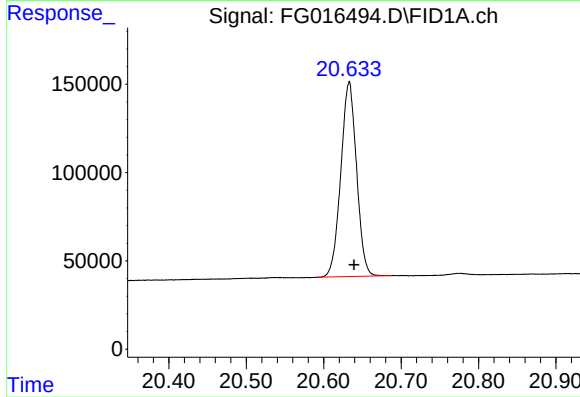
#18 n-Dotriacontane (C32)

R.T.: 19.100 min
Delta R.T.: -0.007 min
Response: 1937480
Conc: 18.43 ug/ml



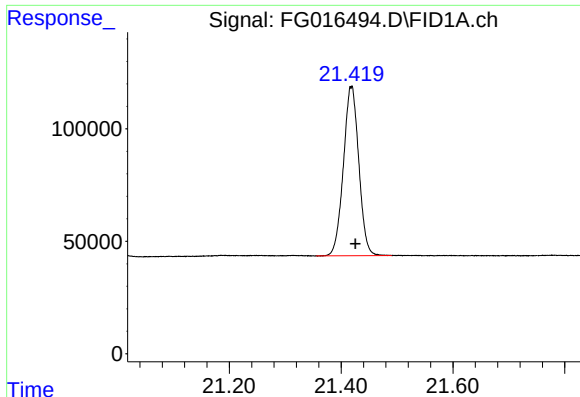
#19 n-Tetratriacontane (C34)

R.T.: 19.889 min
Delta R.T.: -0.006 min
Response: 1780878
Conc: 18.54 ug/ml



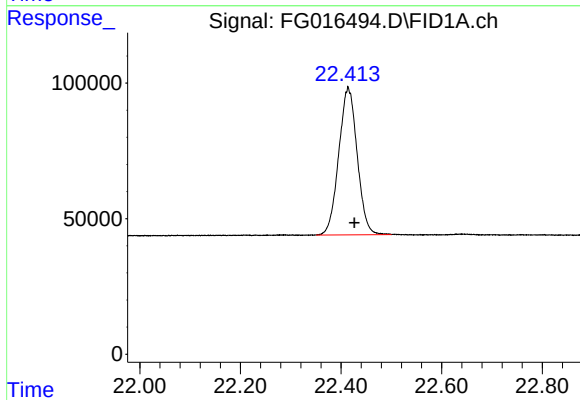
#20 n-Hexatriacontane (C36)

R.T.: 20.633 min
Delta R.T.: -0.006 min
Response: 1559435
Conc: 18.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.419 min
Delta R.T.: -0.007 min
Response: 1439482
Conc: 18.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.414 min
Delta R.T.: -0.012 min
Response: 1379463
Conc: 18.57 ug/ml