

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022924AL\
 Data File : FG013596.D
 Signal(s) : FID1A.ch
 Acq On : 01 Mar 2024 06:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:25:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 2024
 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)	11.971	2801845	19.477 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.412	2169273	19.883 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.332	2607920	20.170 ug/ml
2) T n-Decane (C10)	4.585	2665040	20.155 ug/ml
3) T A~Naphthalene (C11.7)	6.293	2900017	20.019 ug/ml
4) T n-Dodecane (C12)	6.755	2694789	20.117 ug/ml
5) T A~2-methylnaphthalene...	7.392	2807618	20.010 ug/ml
6) T n-Tetradecane (C14)	8.589	2672024	20.066 ug/ml
7) T n-Hexadecane (C16)	10.202	2746535	19.986 ug/ml
8) T n-Octadecane (C18)	11.651	2746716	19.844 ug/ml
10) T n-Eicosane (C20)	12.965	2610329	19.744 ug/ml
11) T n-Heneicosane (C21)	13.580	2541674	19.614 ug/ml
13) T n-Docosane (C22)	14.169	2525059	19.675 ug/ml
14) T n-Tetracosane (C24)	15.275	2506442	19.895 ug/ml
15) T n-Hexacosane (C26)	16.300	2426185	19.878 ug/ml
16) T n-Octacosane (C28)	17.254	2384055	20.281 ug/ml
17) T n-Tricontane (C30)	18.145	2412633	20.563 ug/ml
18) T n-Dotriacontane (C32)	18.981	2513289	22.207 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2357582	21.698 ug/ml
20) T n-Hexatriacontane (C36)	20.508	2179844	20.965 ug/ml
21) T n-Octatriacontane (C38)	21.264	2910506	28.138 ug/ml
22) T n-Tetracontane (C40)	22.211	2584888	25.309 ug/ml

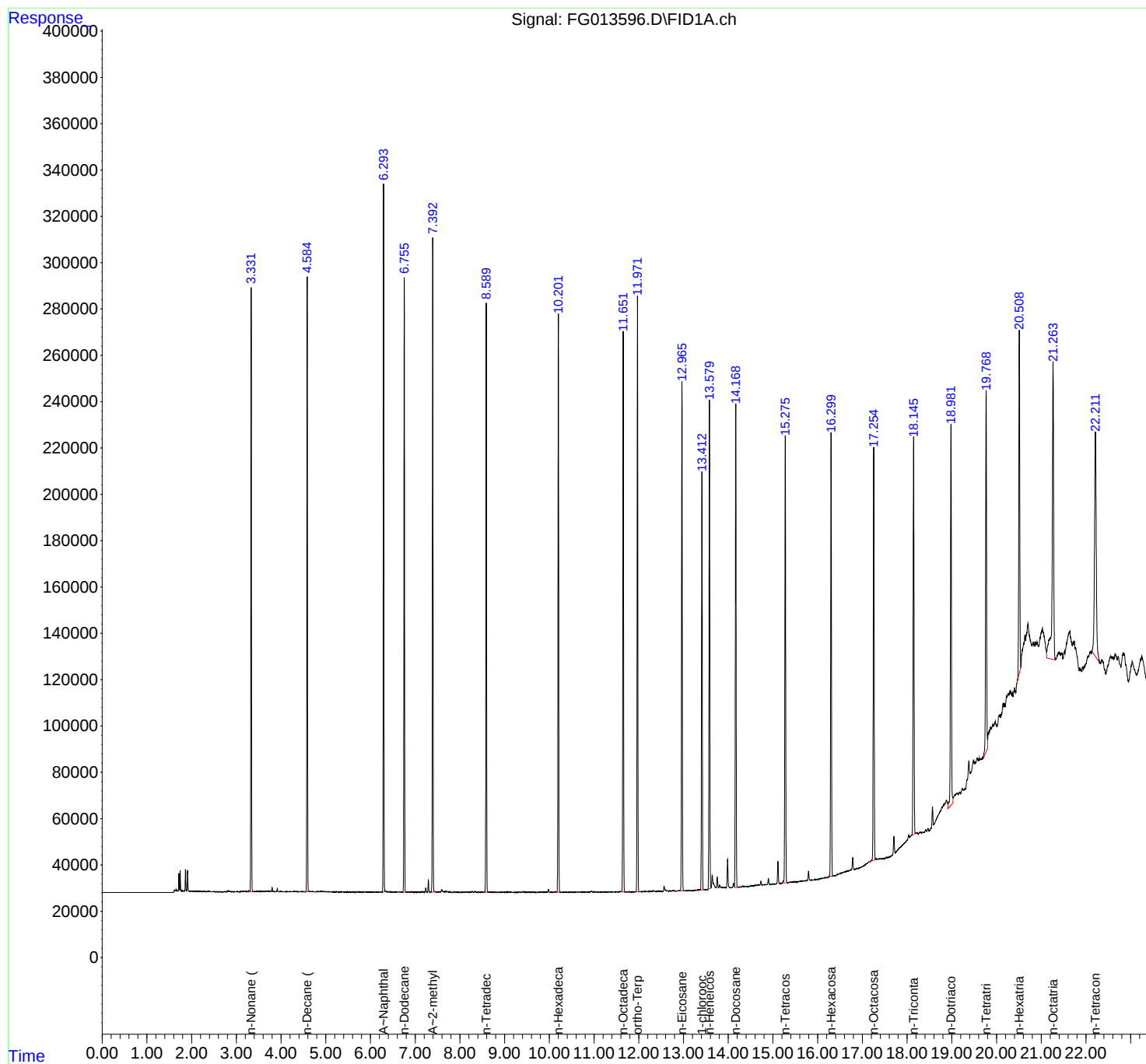
(f)=RT Delta > 1/2 Window

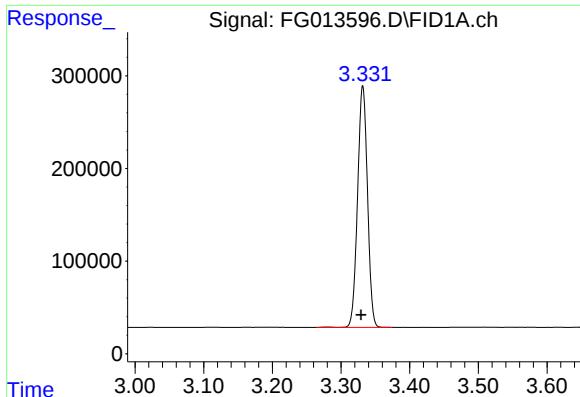
(m)=manual int.

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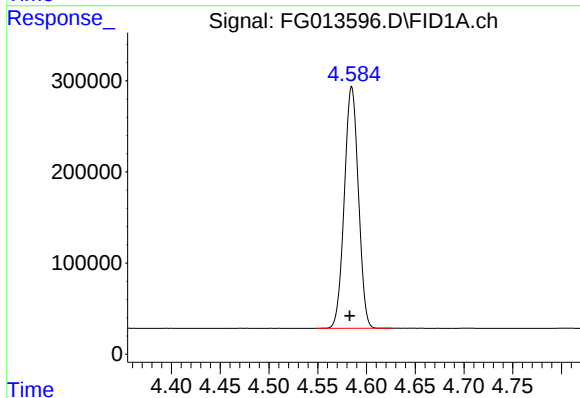
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





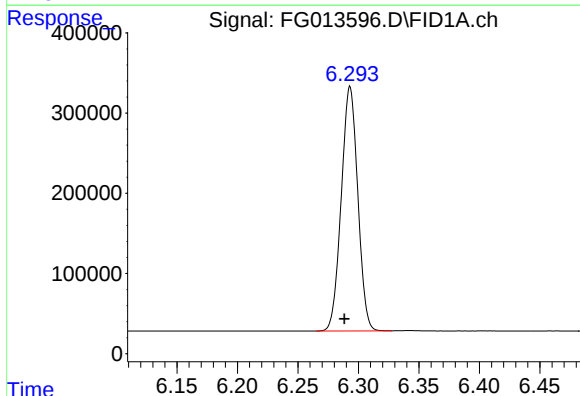
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.003 min
Response: 2607920
Conc: 20.17 ug/ml



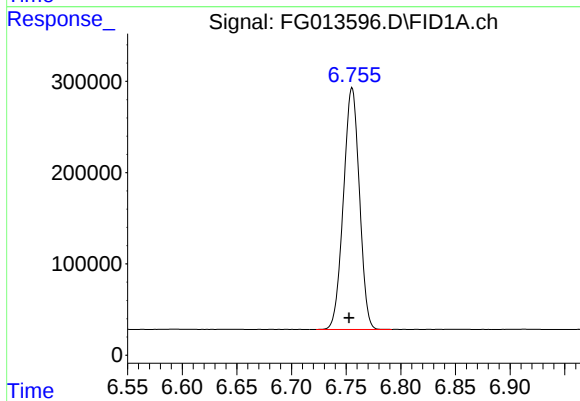
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 2665040
Conc: 20.15 ug/ml



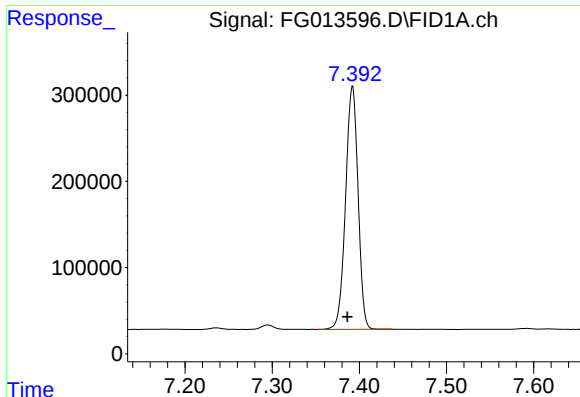
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: 0.005 min
Response: 2900017
Conc: 20.02 ug/ml



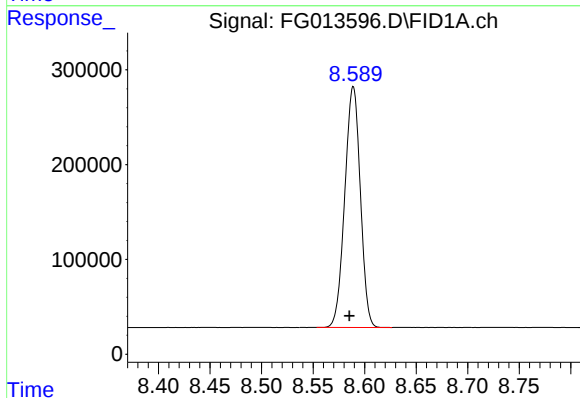
#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 2694789
Conc: 20.12 ug/ml



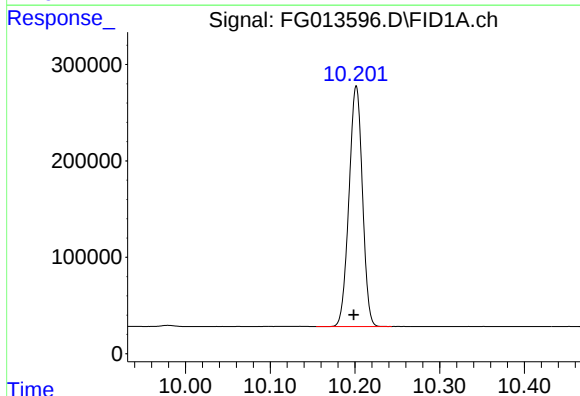
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.392 min
Delta R.T.: 0.006 min
Response: 2807618
Conc: 20.01 ug/ml



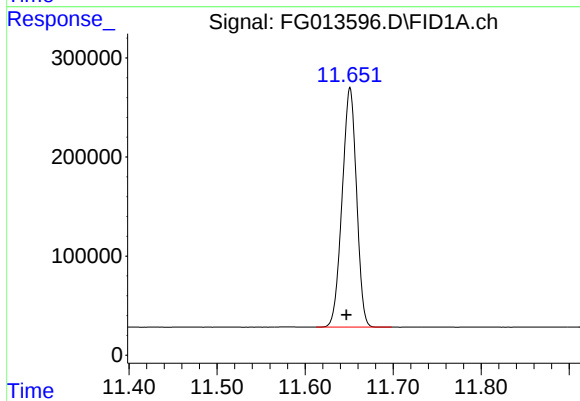
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: 0.004 min
Response: 2672024
Conc: 20.07 ug/ml



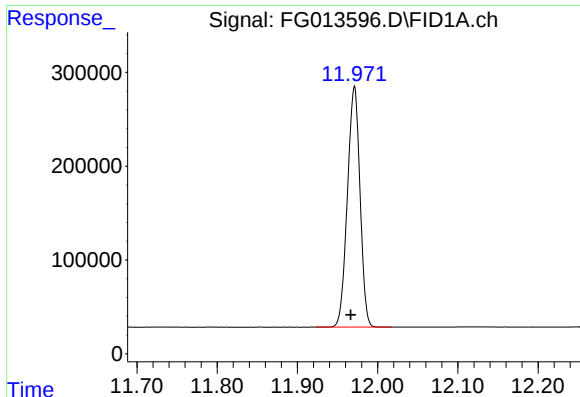
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: 0.003 min
Response: 2746535
Conc: 19.99 ug/ml



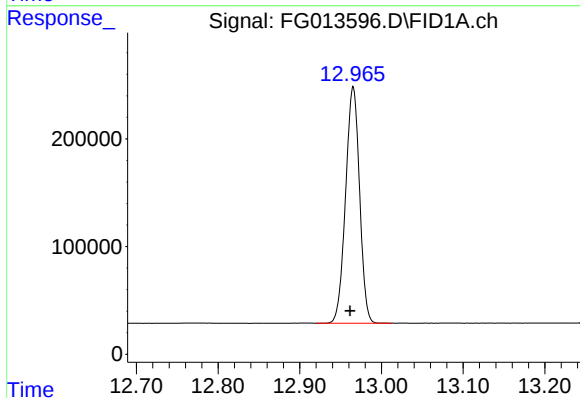
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 2746716
Conc: 19.84 ug/ml



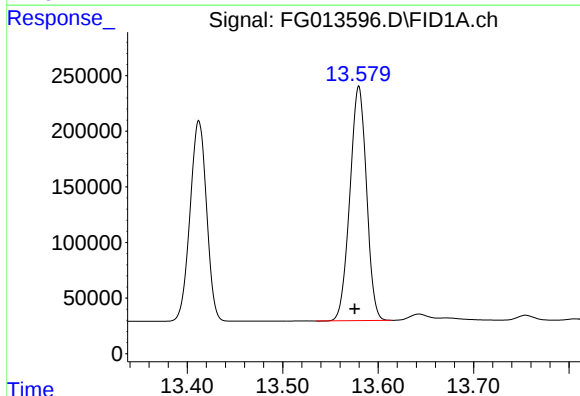
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.005 min
Response: 2801845
Conc: 19.48 ug/ml



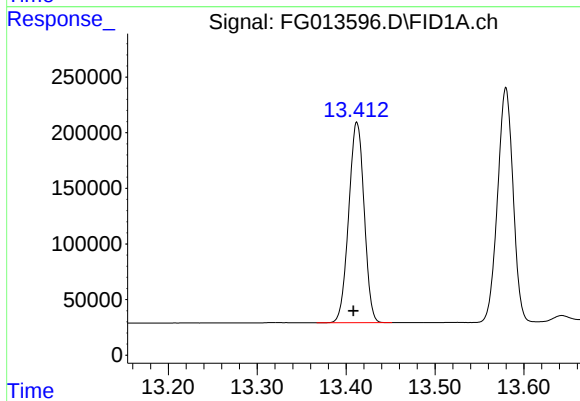
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.004 min
Response: 2610329
Conc: 19.74 ug/ml



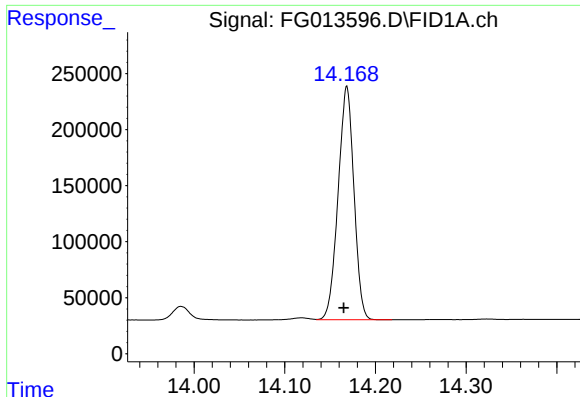
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.004 min
Response: 2541674
Conc: 19.61 ug/ml



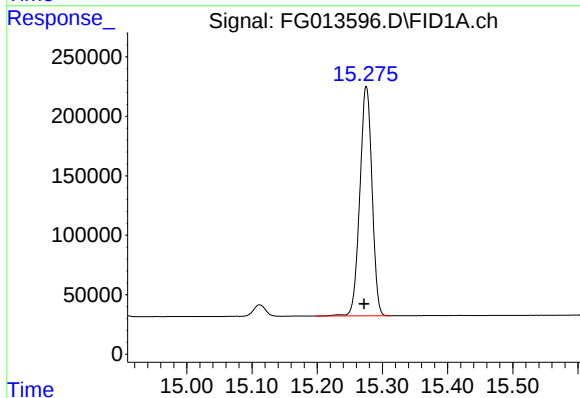
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.004 min
Response: 2169273
Conc: 19.88 ug/ml



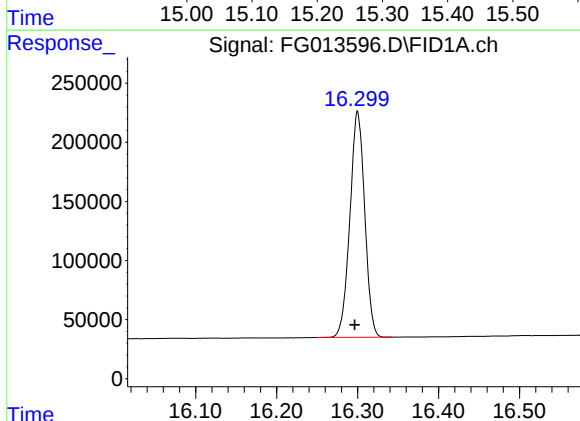
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.003 min
Response: 2525059
Conc: 19.67 ug/ml



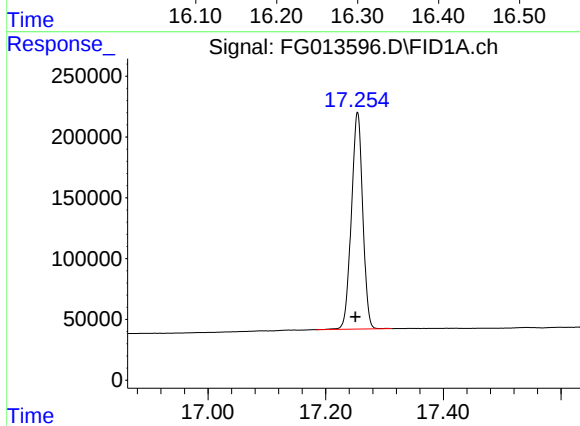
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.003 min
Response: 2506442
Conc: 19.90 ug/ml



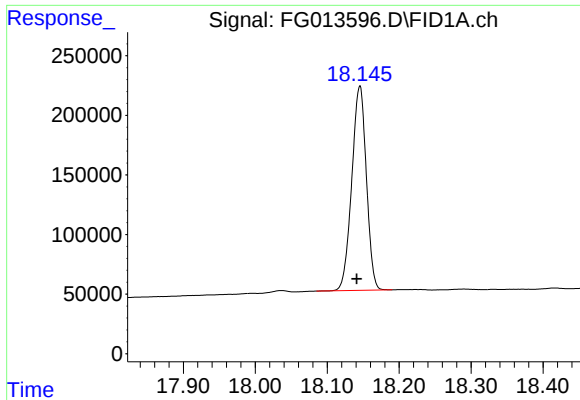
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.004 min
Response: 2426185
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.254 min
Delta R.T.: 0.004 min
Response: 2384055
Conc: 20.28 ug/ml



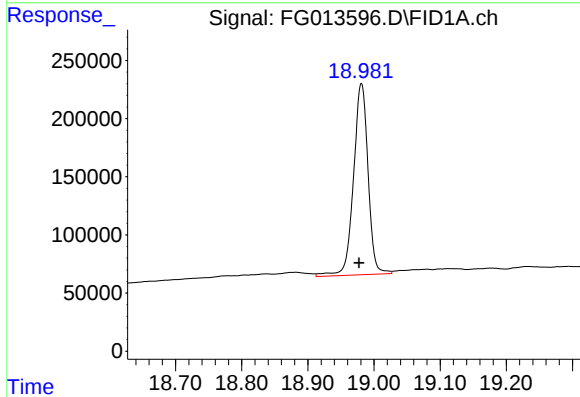
#17 n-Tricontane (C30)

R.T.: 18.145 min

Delta R.T.: 0.005 min

Response: 2412633

Conc: 20.56 ug/ml



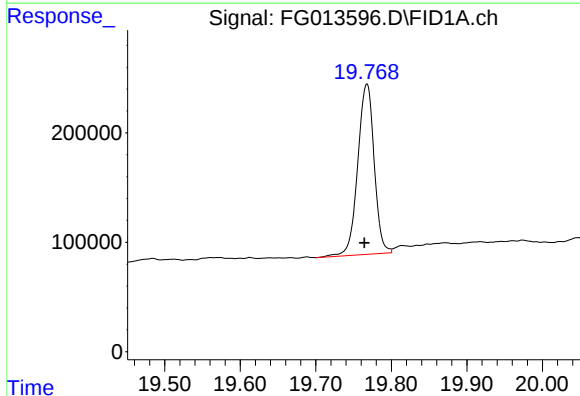
#18 n-Dotriacontane (C32)

R.T.: 18.981 min

Delta R.T.: 0.003 min

Response: 2513289

Conc: 22.21 ug/ml



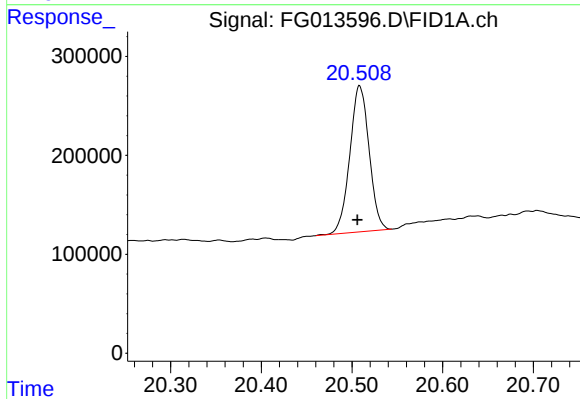
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min

Delta R.T.: 0.004 min

Response: 2357582

Conc: 21.70 ug/ml



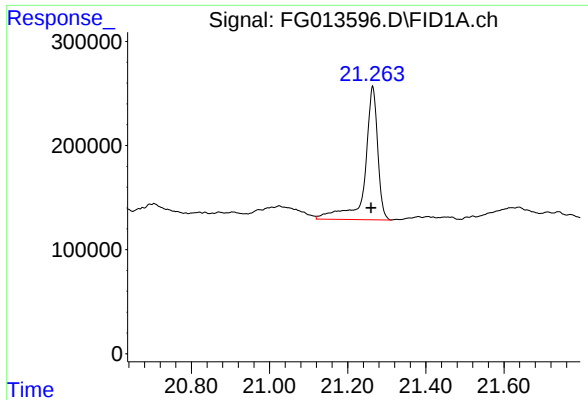
#20 n-Hexatriacontane (C36)

R.T.: 20.508 min

Delta R.T.: 0.003 min

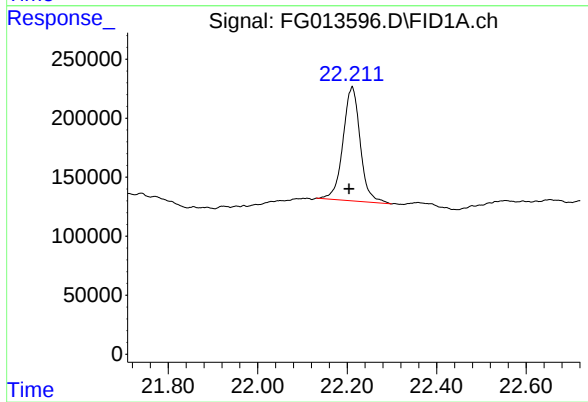
Response: 2179844

Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.264 min
Delta R.T.: 0.004 min
Response: 2910506
Conc: 28.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.006 min
Response: 2584888
Conc: 25.31 ug/ml