

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022924AL\
 Data File : FG013582.D
 Signal(s) : FID1A.ch
 Acq On : 29 Feb 2024 22:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 02:48:28 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)	11.967	2806045	19.506 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	13.408	2177367	19.957 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.329	2534945	19.605 ug/ml
2) T n-Decane (C10)	4.583	2597003	19.640 ug/ml
3) T A~Naphthalene (C11.7)	6.289	2829185	19.530 ug/ml
4) T n-Dodecane (C12)	6.752	2627233	19.613 ug/ml
5) T A~2-methylnaphthalene...	7.388	2744041	19.557 ug/ml
6) T n-Tetradecane (C14)	8.586	2614277	19.633 ug/ml
7) T n-Hexadecane (C16)	10.198	2707954	19.705 ug/ml
8) T n-Octadecane (C18)	11.646	2728405	19.712 ug/ml
10) T n-Eicosane (C20)	12.961	2612093	19.757 ug/ml
11) T n-Heneicosane (C21)	13.575	2558556	19.745 ug/ml
13) T n-Docosane (C22)	14.164	2540325	19.794 ug/ml
14) T n-Tetracosane (C24)	15.271	2519565	19.999 ug/ml
15) T n-Hexacosane (C26)	16.295	2445777	20.039 ug/ml
16) T n-Octacosane (C28)	17.249	2366076	20.128 ug/ml
17) T n-Tricontane (C30)	18.140	2383195	20.312 ug/ml
18) T n-Dotriacontane (C32)	18.974	2339778	20.674 ug/ml
19) T n-Tetratriacontane (C34)	19.761	2198984	20.239 ug/ml
20) T n-Hexatriacontane (C36)	20.502	2106564	20.260 ug/mlm
21) T n-Octatriacontane (C38)	21.256	2111105	20.410 ug/ml
22) T n-Tetracontane (C40)	22.199	2183174	21.376 ug/ml

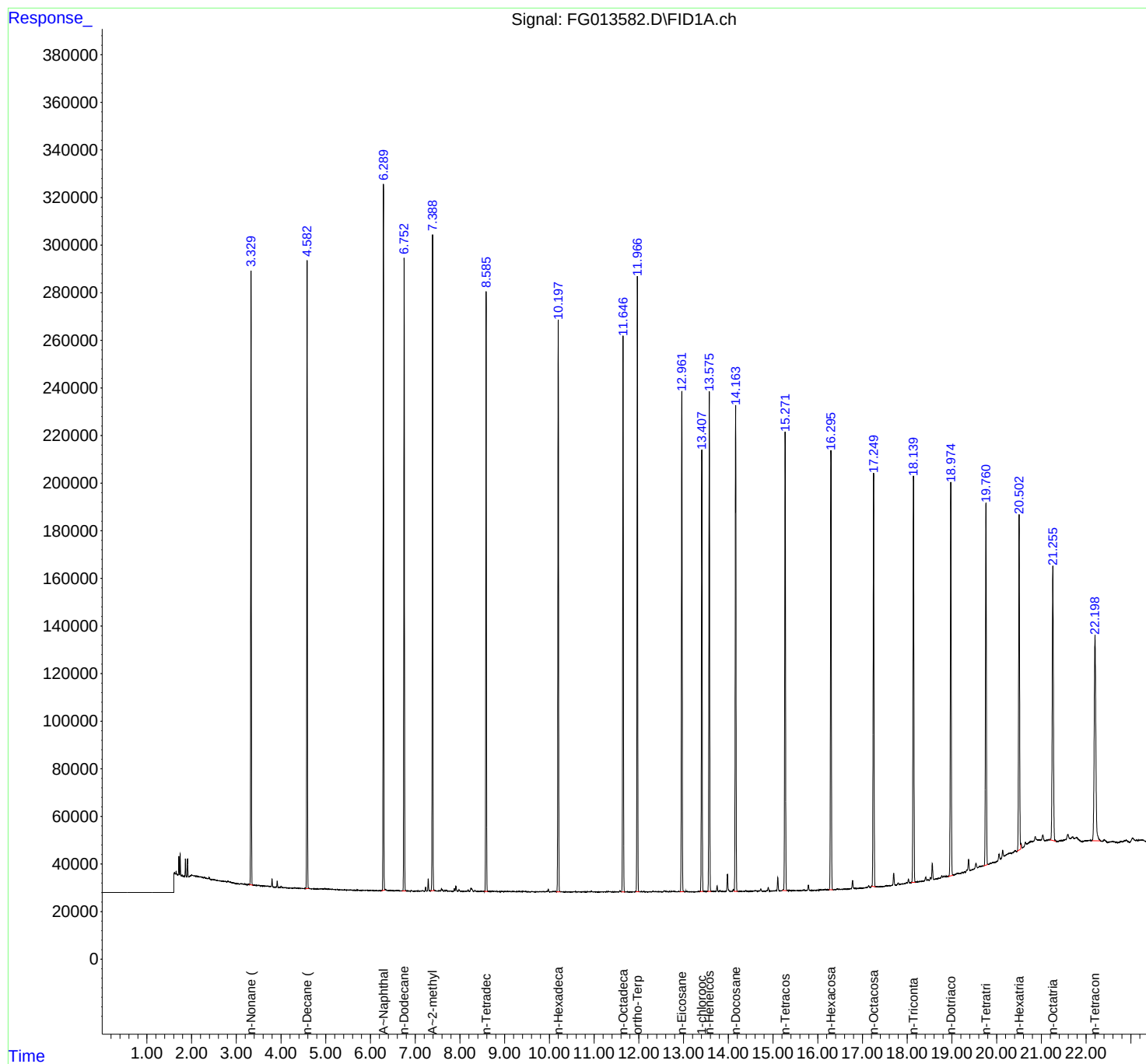
(f)=RT Delta > 1/2 Window

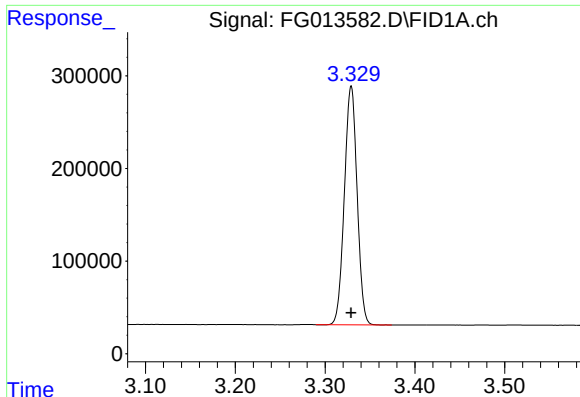
(m)=manual int.

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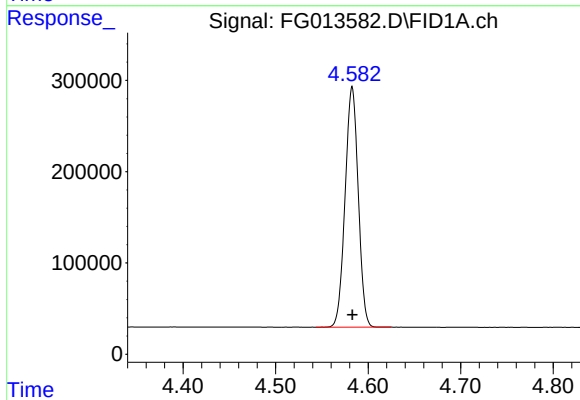
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Signal Info : 20M x 0.18mm x 0.18um





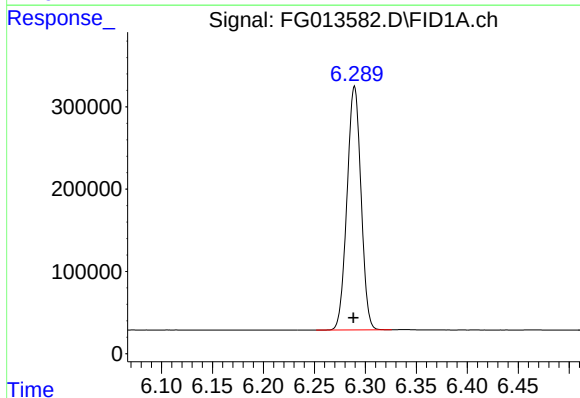
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 2534945
Conc: 19.61 ug/ml



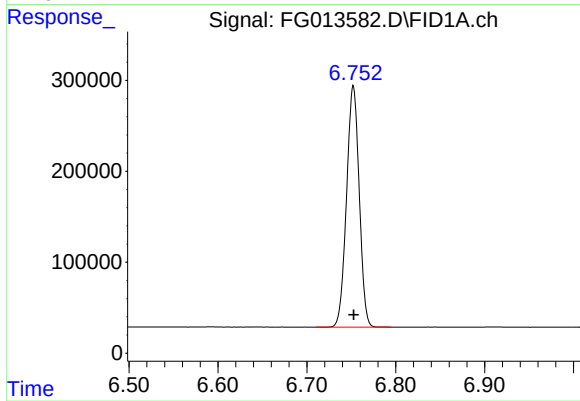
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2597003
Conc: 19.64 ug/ml



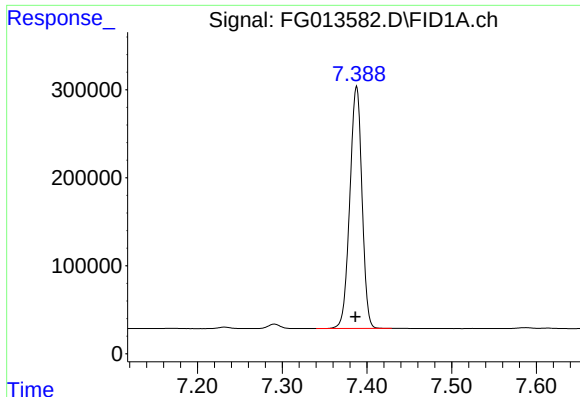
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 2829185
Conc: 19.53 ug/ml



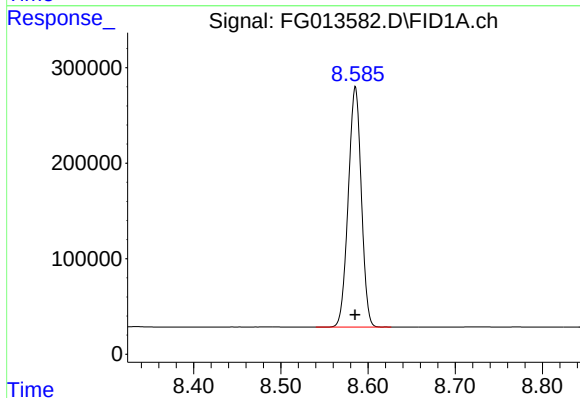
#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2627233
Conc: 19.61 ug/ml



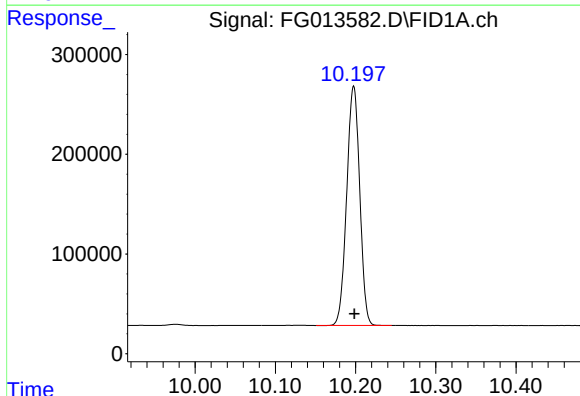
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: 0.001 min
Response: 2744041
Conc: 19.56 ug/ml



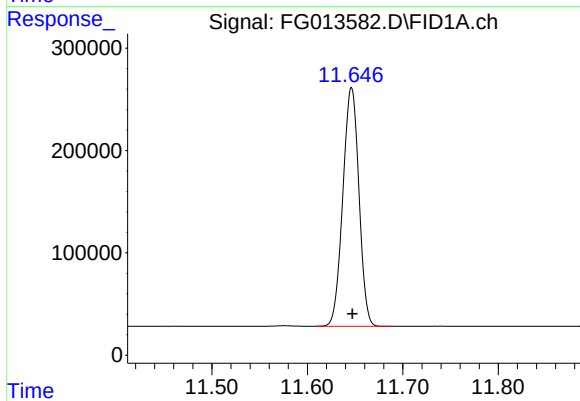
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 2614277
Conc: 19.63 ug/ml



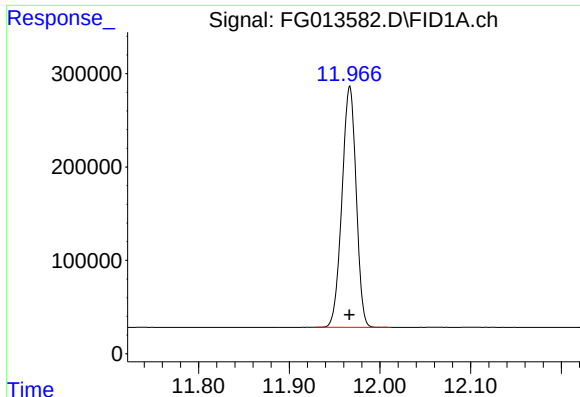
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 2707954
Conc: 19.71 ug/ml



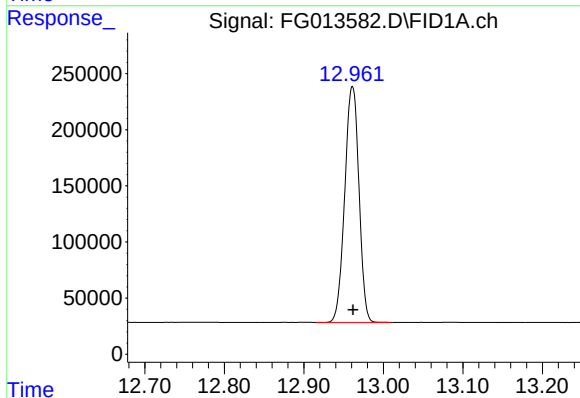
#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 2728405
Conc: 19.71 ug/ml



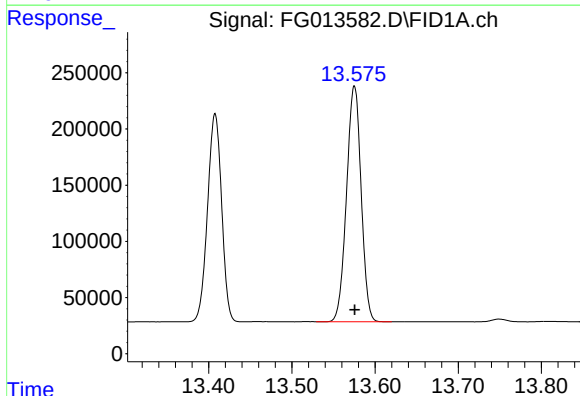
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 2806045
Conc: 19.51 ug/ml



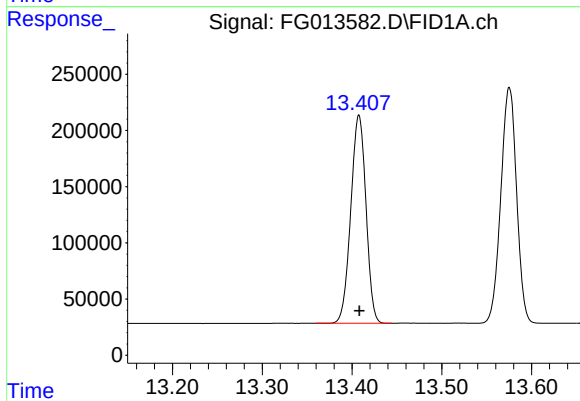
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2612093
Conc: 19.76 ug/ml



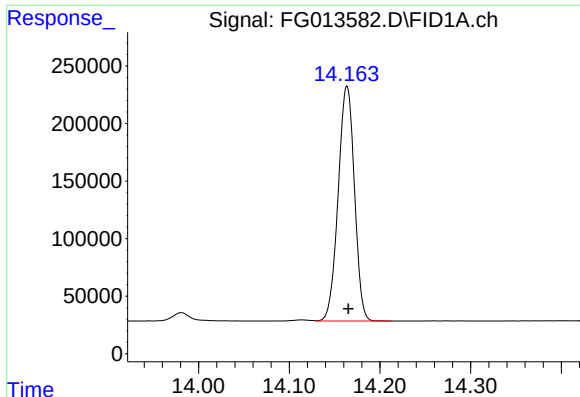
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 2558556
Conc: 19.74 ug/ml



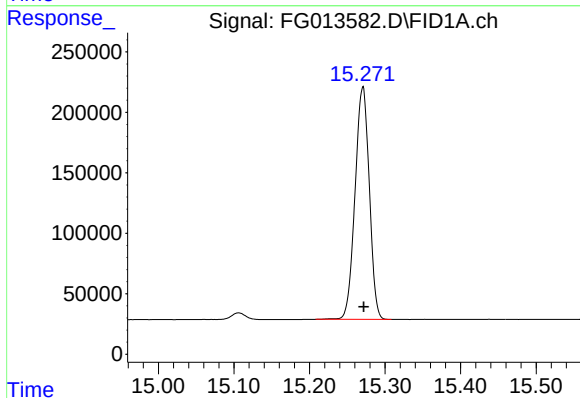
#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2177367
Conc: 19.96 ug/ml



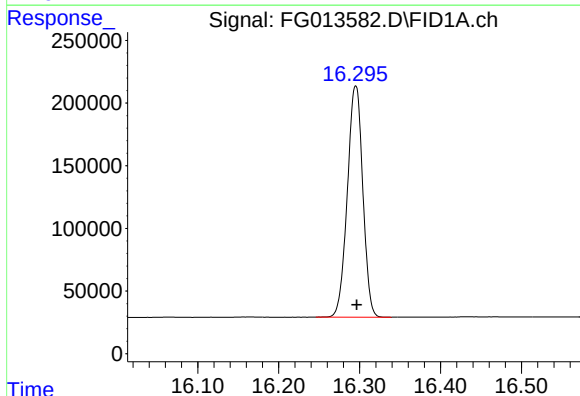
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.002 min
Response: 2540325
Conc: 19.79 ug/ml



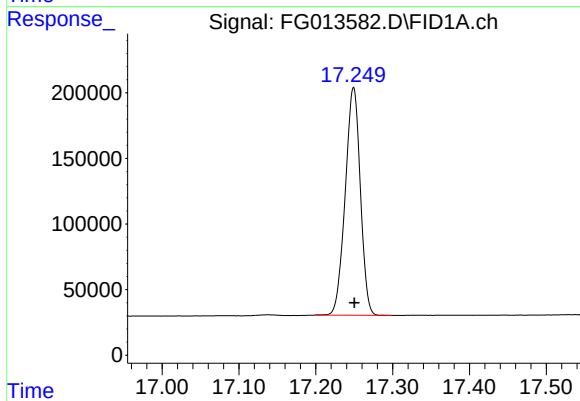
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.001 min
Response: 2519565
Conc: 20.00 ug/ml



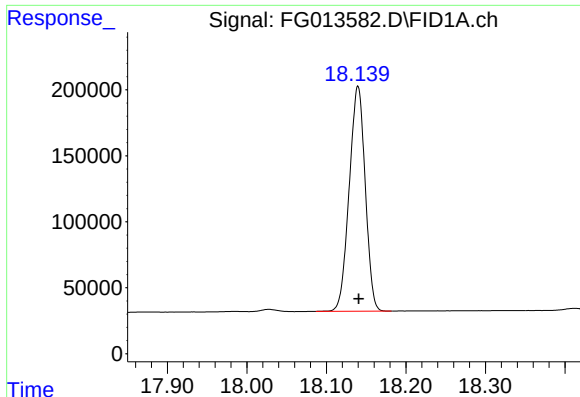
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.001 min
Response: 2445777
Conc: 20.04 ug/ml



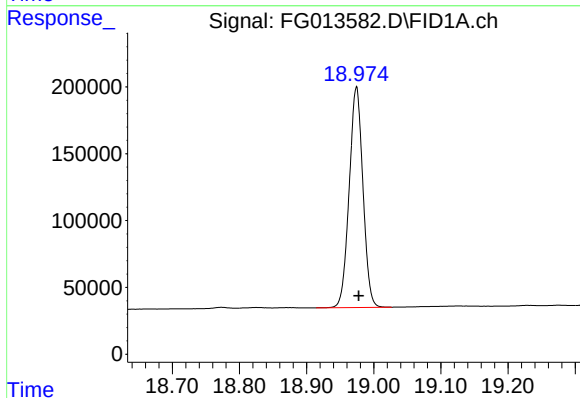
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.001 min
Response: 2366076
Conc: 20.13 ug/ml



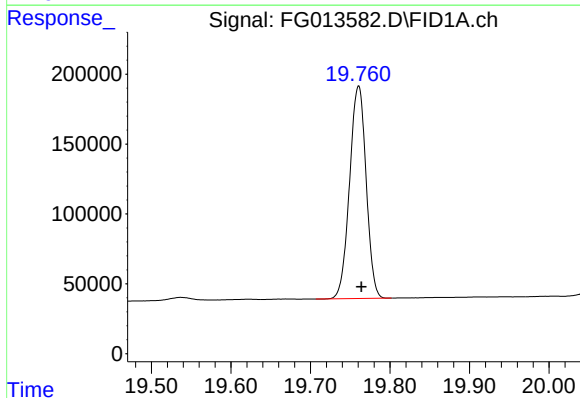
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: -0.001 min
Response: 2383195
Conc: 20.31 ug/ml



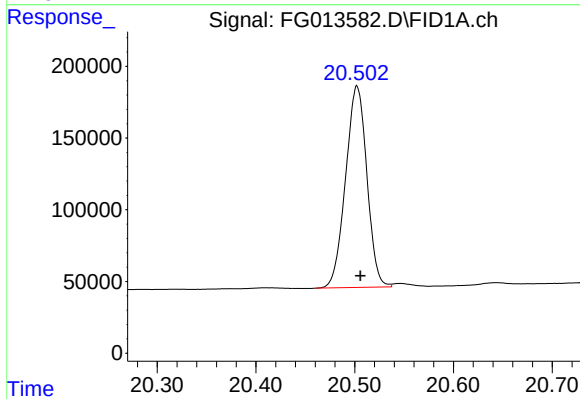
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.003 min
Response: 2339778
Conc: 20.67 ug/ml



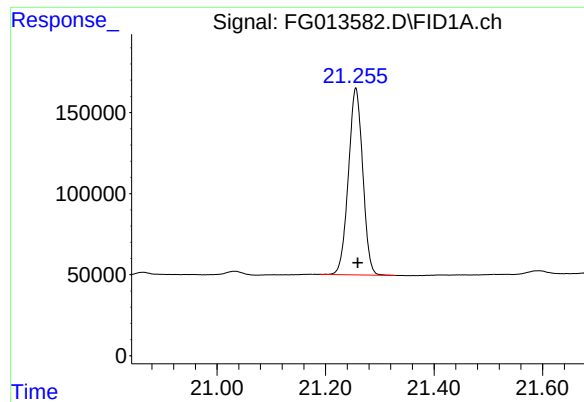
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: -0.004 min
Response: 2198984
Conc: 20.24 ug/ml



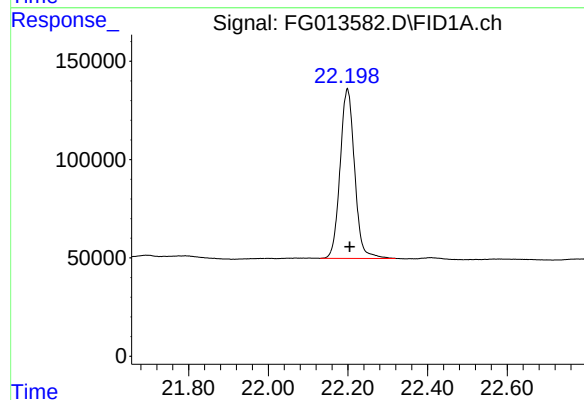
#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: -0.004 min
Response: 2106564
Conc: 20.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: -0.004 min
Response: 2111105
Conc: 20.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: -0.006 min
Response: 2183174
Conc: 21.38 ug/ml