

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031324AL\
 Data File : FC066013.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2024 22:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:28:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.484	3600283	18.422 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	12.912	2703043	18.541 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T n-Nonane (C9)	3.286	3192463	19.108 ug/ml
2) T n-Decane (C10)	4.347	3249184	18.734 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3418147	19.047 ug/ml
4) T n-Dodecane (C12)	6.357	3277898	18.601 ug/ml
5) T A~2-methylnaphthalene...	6.992	3116860	18.298 ug/ml
6) T n-Tetradecane (C14)	8.145	3136041	18.034 ug/ml
7) T n-Hexadecane (C16)	9.737	3220598	18.027 ug/ml
8) T n-Octadecane (C18)	11.169	3260301	17.937 ug/ml
10) T n-Eicosane (C20)	12.469	3188226	18.259 ug/ml
11) T n-Heneicosane (C21)	13.077	3178631	18.334 ug/ml
13) T n-Docosane (C22)	13.660	3209596	18.662 ug/ml
14) T n-Tetracosane (C24)	14.754	3276533	19.184 ug/ml
15) T n-Hexacosane (C26)	15.769	3297335	19.582 ug/ml
16) T n-Octacosane (C28)	16.711	3346221	20.126 ug/ml
17) T n-Tricontane (C30)	17.592	3471078	20.330 ug/ml
18) T n-Dotriacontane (C32)	18.420	3430306	20.349 ug/ml
19) T n-Tetratriacontane (C34)	19.198	3315534	20.230 ug/mlm
20) T n-Hexatriacontane (C36)	19.934	3171778	19.949 ug/ml
21) T n-Octatriacontane (C38)	20.644	3126346	19.959 ug/mlm
22) T n-Tetracontane (C40)	21.499	3055276	19.320 ug/mlm

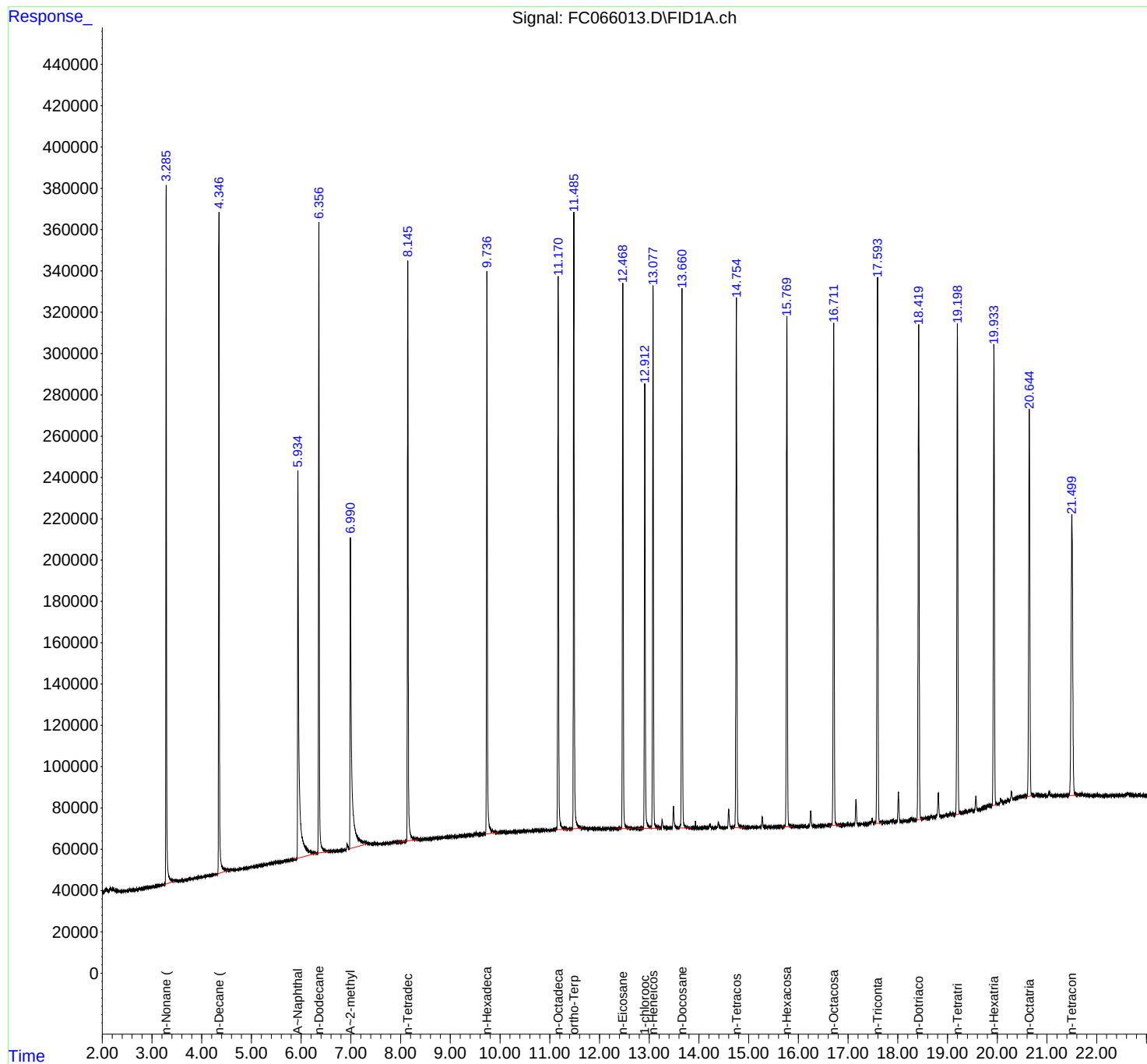
(f)=RT Delta > 1/2 Window

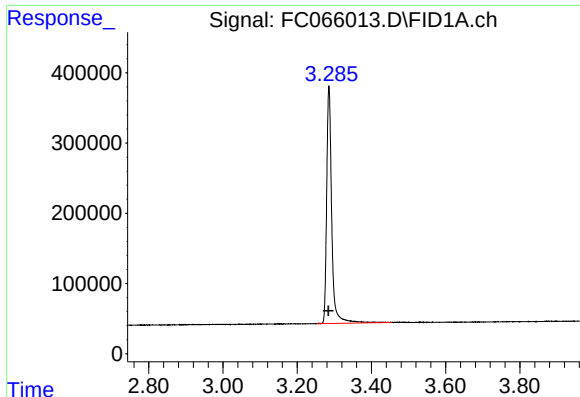
(m)=manual int.

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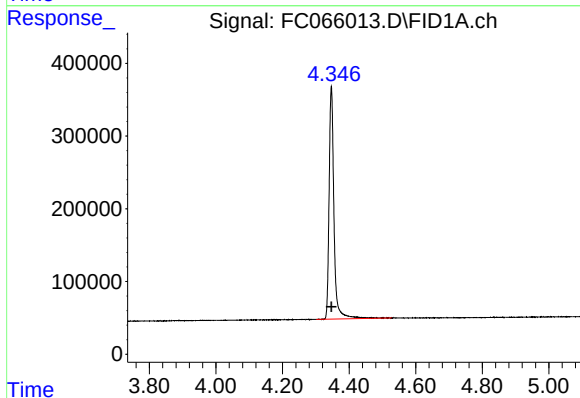
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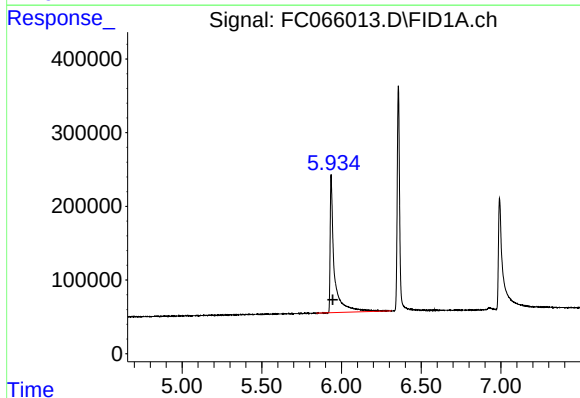
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.002 min
Response: 3192463
Conc: 19.11 ug/ml



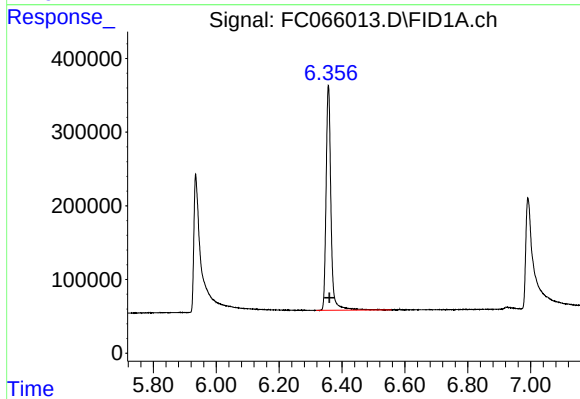
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 3249184
Conc: 18.73 ug/ml



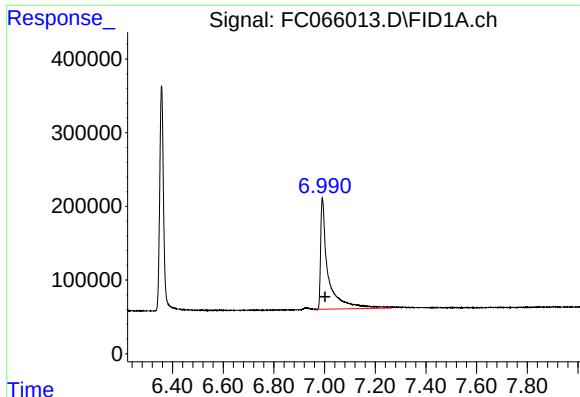
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 3418147
Conc: 19.05 ug/ml



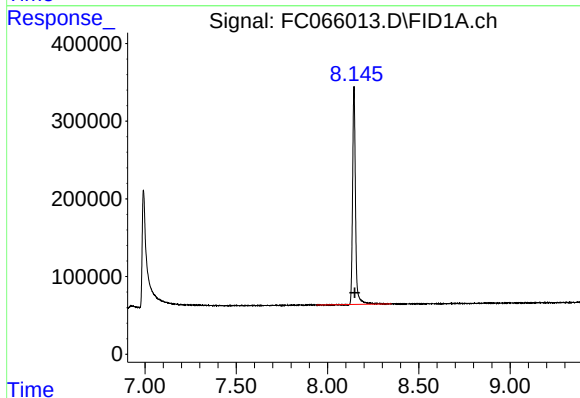
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 3277898
Conc: 18.60 ug/ml



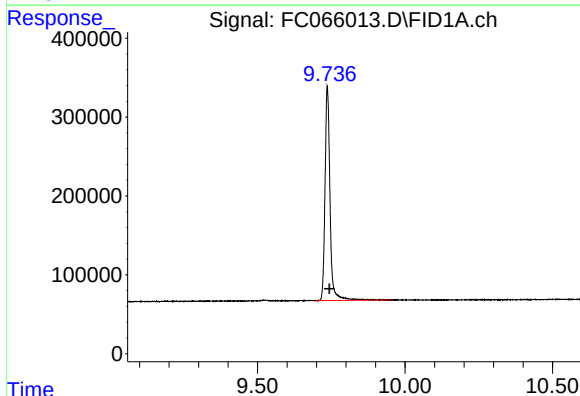
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.010 min
Response: 3116860
Conc: 18.30 ug/ml



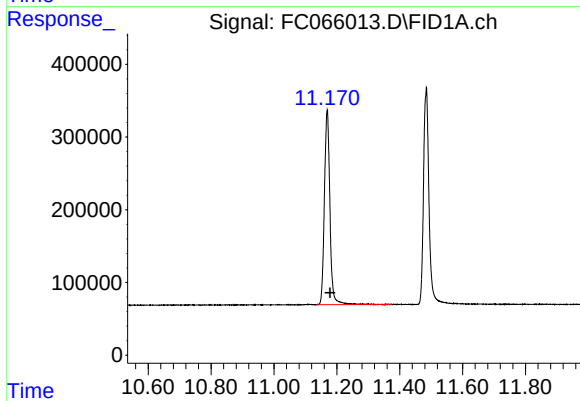
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.004 min
Response: 3136041
Conc: 18.03 ug/ml



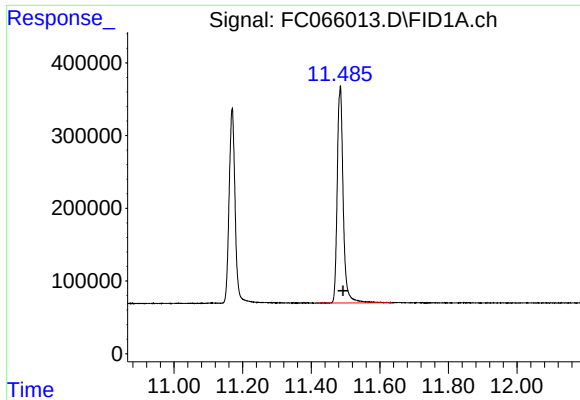
#7 n-Hexadecane (C16)

R.T.: 9.737 min
Delta R.T.: -0.007 min
Response: 3220598
Conc: 18.03 ug/ml



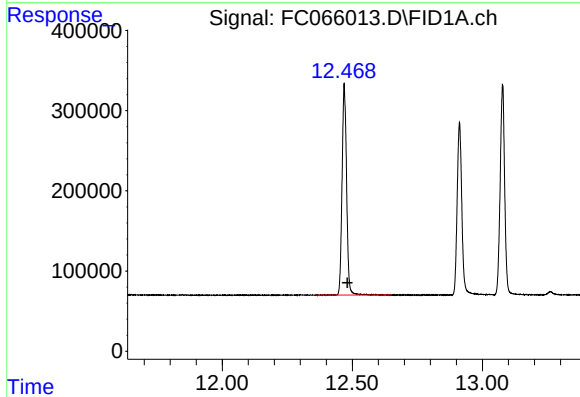
#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: -0.009 min
Response: 3260301
Conc: 17.94 ug/ml



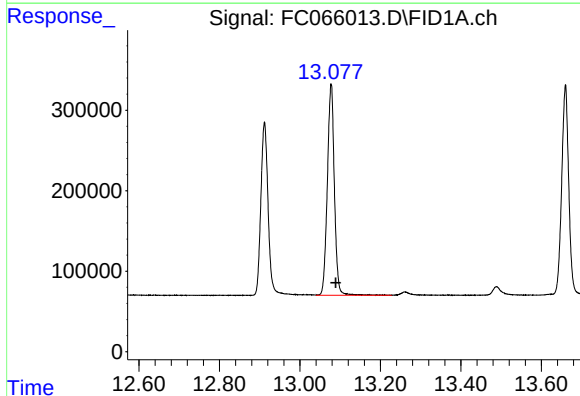
#9 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: -0.009 min
Response: 3600283
Conc: 18.42 ug/ml



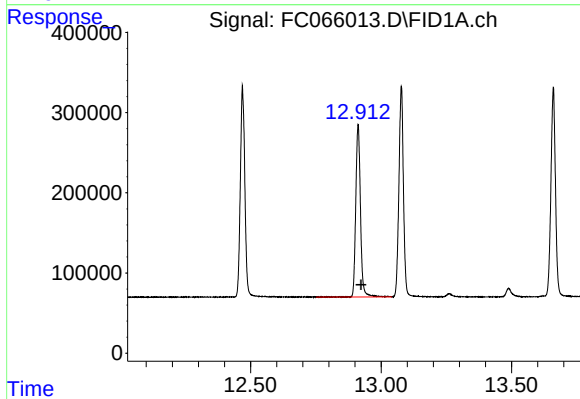
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: -0.012 min
Response: 3188226
Conc: 18.26 ug/ml



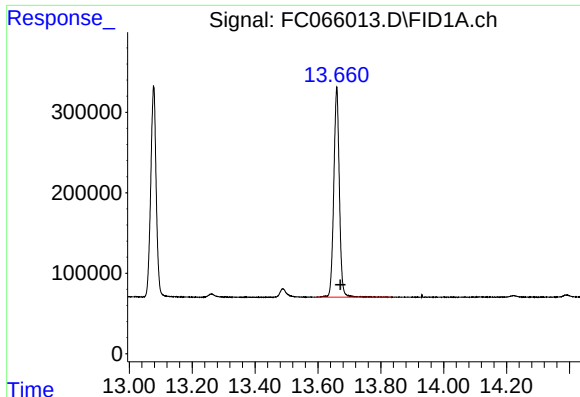
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: -0.011 min
Response: 3178631
Conc: 18.33 ug/ml



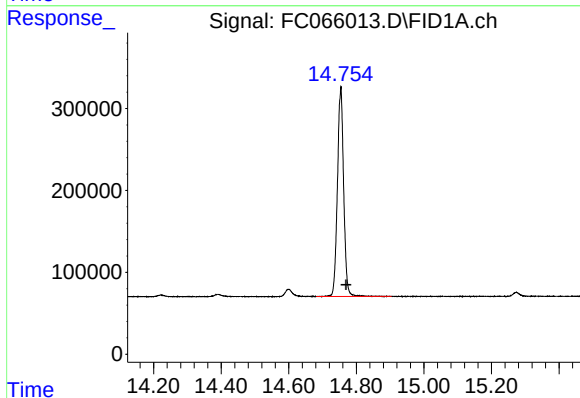
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min
Delta R.T.: -0.012 min
Response: 2703043
Conc: 18.54 ug/ml



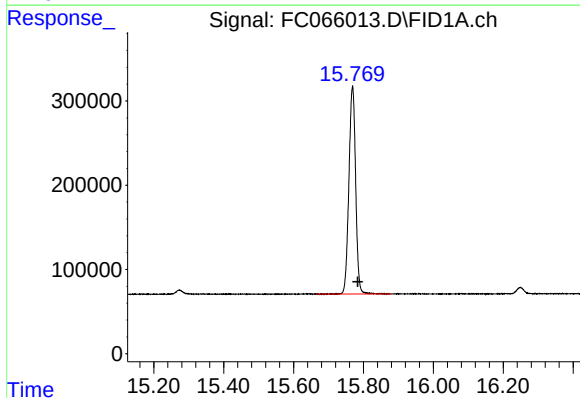
#13 n-Docosane (C22)

R.T.: 13.660 min
Delta R.T.: -0.012 min
Response: 3209596
Conc: 18.66 ug/ml



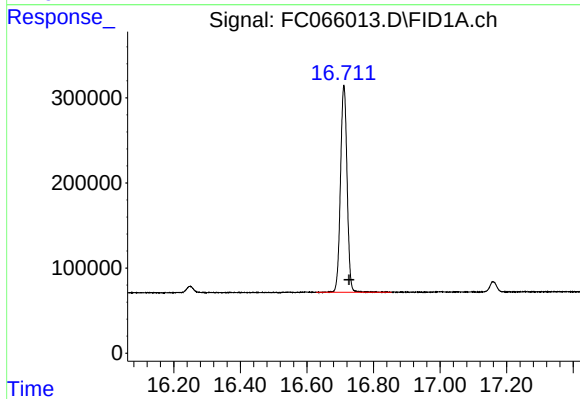
#14 n-Tetracosane (C24)

R.T.: 14.754 min
Delta R.T.: -0.016 min
Response: 3276533
Conc: 19.18 ug/ml



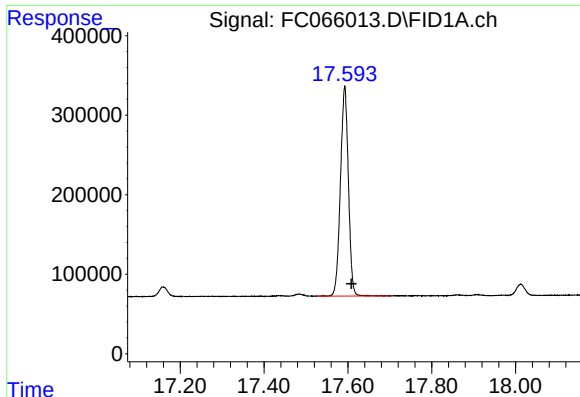
#15 n-Hexacosane (C26)

R.T.: 15.769 min
Delta R.T.: -0.016 min
Response: 3297335
Conc: 19.58 ug/ml



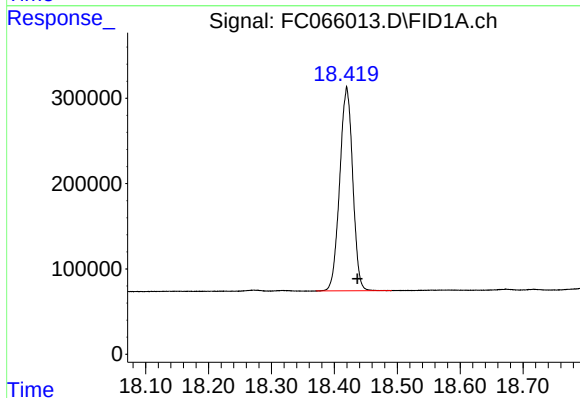
#16 n-Octacosane (C28)

R.T.: 16.711 min
Delta R.T.: -0.016 min
Response: 3346221
Conc: 20.13 ug/ml



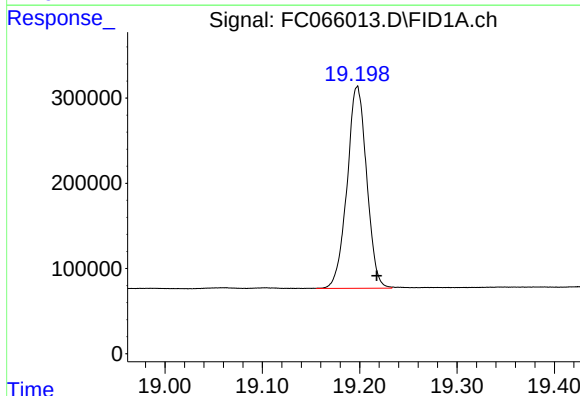
#17 n-Tricontane (C30)

R.T.: 17.592 min
Delta R.T.: -0.016 min
Response: 3471078
Conc: 20.33 ug/ml



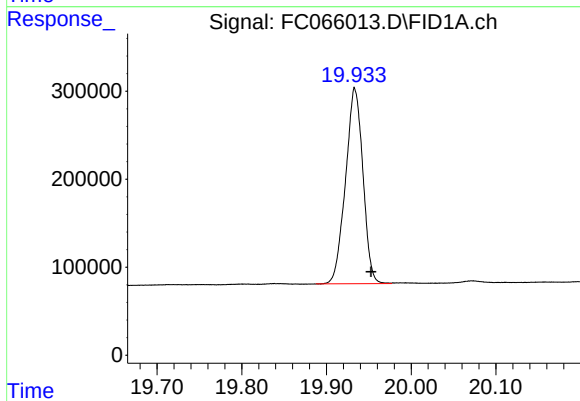
#18 n-Dotriacontane (C32)

R.T.: 18.420 min
Delta R.T.: -0.017 min
Response: 3430306
Conc: 20.35 ug/ml



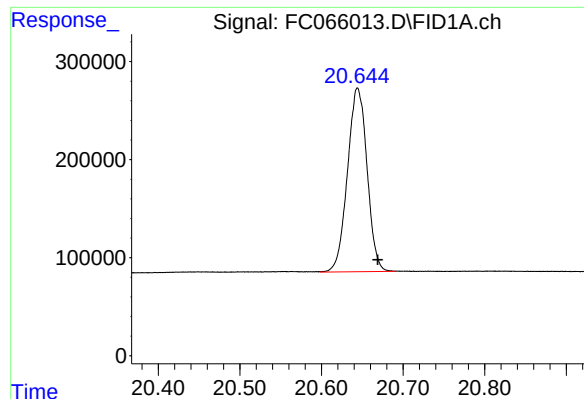
#19 n-Tetratriacontane (C34)

R.T.: 19.198 min
Delta R.T.: -0.020 min
Response: 3315534
Conc: 20.23 ug/ml m



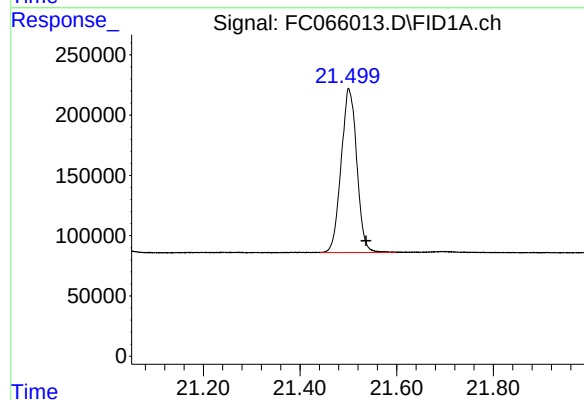
#20 n-Hexatriacontane (C36)

R.T.: 19.934 min
Delta R.T.: -0.019 min
Response: 3171778
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.644 min
Delta R.T.: -0.025 min
Response: 3126346
Conc: 19.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.499 min
Delta R.T.: -0.038 min
Response: 3055276
Conc: 19.32 ug/ml m