

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032224AL\
 Data File : FC066106.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 18:53
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:26:05 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)	11.470	3645330	18.653 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.897	2738344	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.277	3049705	18.254 ug/ml
2) T n-Decane (C10)	4.336	3204974	18.480 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3455243	19.254 ug/ml
4) T n-Dodecane (C12)	6.344	3337197	18.937 ug/ml
5) T A~2-methylnaphthalene...	6.977	3123422	18.337 ug/ml
6) T n-Tetradecane (C14)	8.130	3217339	18.502 ug/ml
7) T n-Hexadecane (C16)	9.723	3315800	18.560 ug/ml
8) T n-Octadecane (C18)	11.155	3376464	18.576 ug/ml
10) T n-Eicosane (C20)	12.455	3250586	18.616 ug/ml
11) T n-Heneicosane (C21)	13.062	3231271	18.637 ug/ml
13) T n-Docosane (C22)	13.645	3254793	18.925 ug/ml
14) T n-Tetracosane (C24)	14.739	3343857	19.578 ug/ml
15) T n-Hexacosane (C26)	15.752	3370759	20.018 ug/ml
16) T n-Octacosane (C28)	16.695	3442891	20.708 ug/ml
17) T n-Tricontane (C30)	17.576	3616674	21.182 ug/ml
18) T n-Dotriacontane (C32)	18.401	3473152	20.603 ug/ml
19) T n-Tetratriacontane (C34)	19.179	3340298	20.381 ug/ml
20) T n-Hexatriacontane (C36)	19.913	2905645	18.275 ug/ml
21) T n-Octatriacontane (C38)	20.623	3040214	19.409 ug/ml
22) T n-Tetracontane (C40)	21.475	3023469	19.119 ug/ml

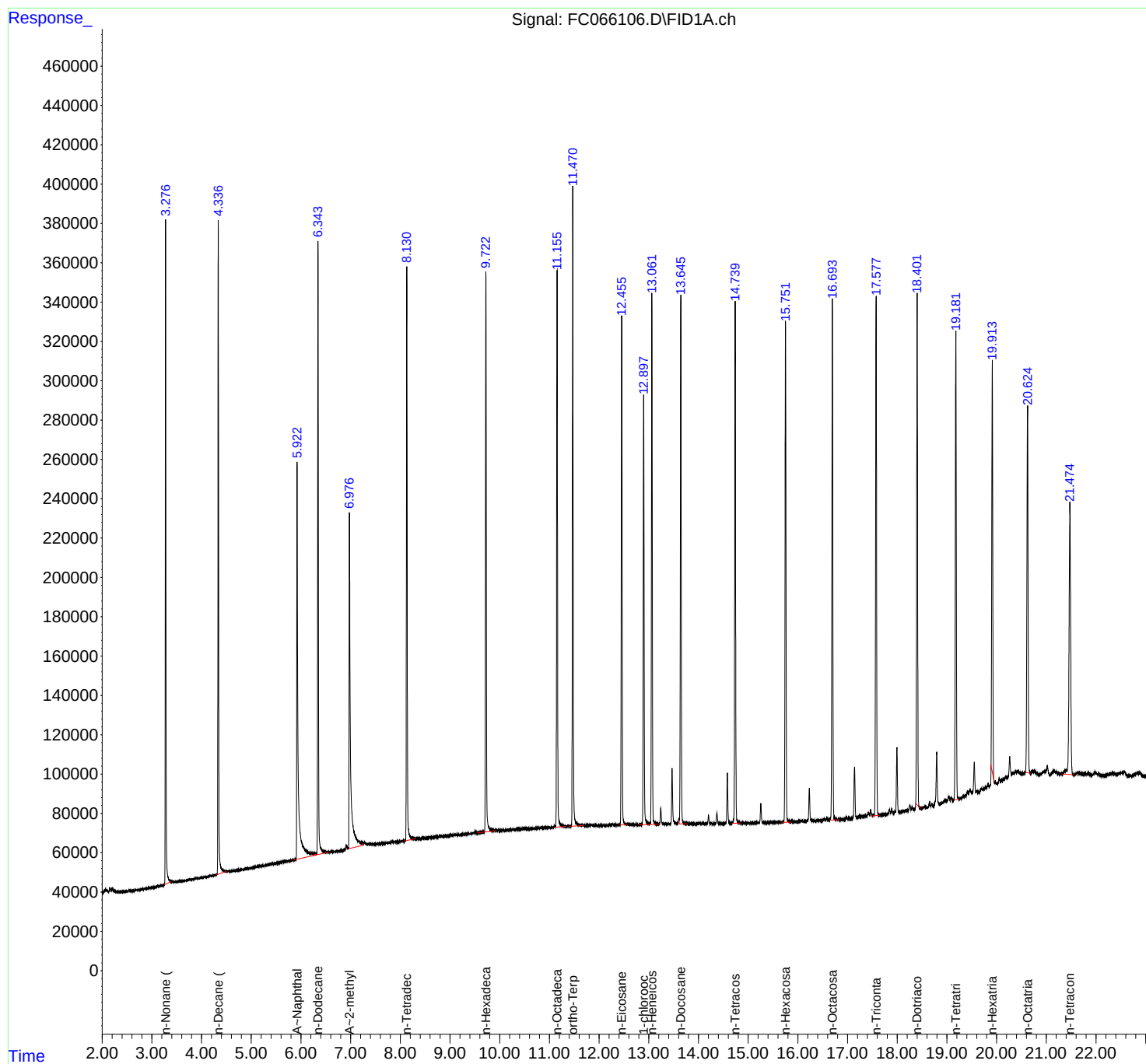
(f)=RT Delta > 1/2 Window

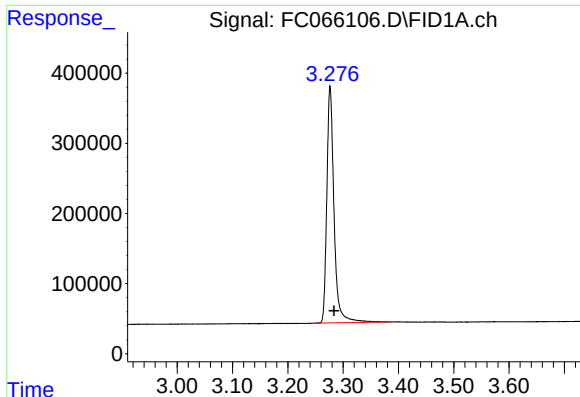
(m)=manual int.

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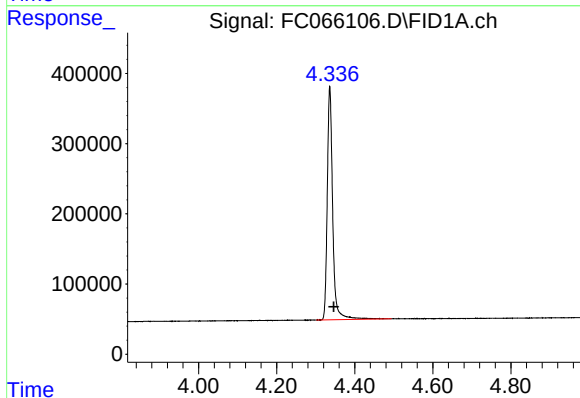
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





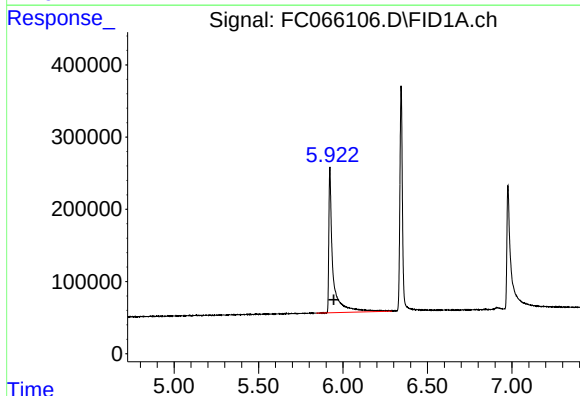
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 3049705
Conc: 18.25 ug/ml



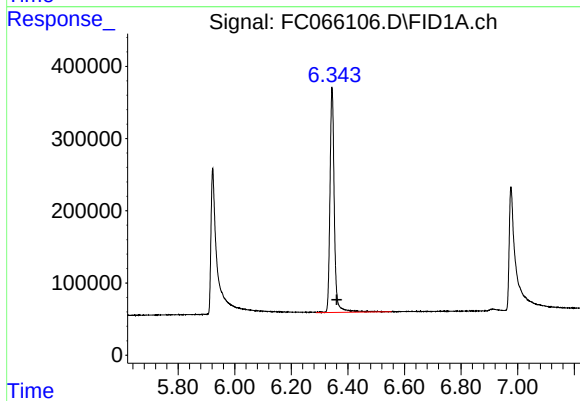
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 3204974
Conc: 18.48 ug/ml



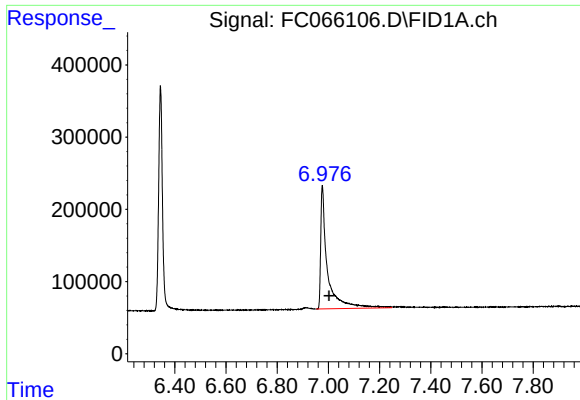
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3455243
Conc: 19.25 ug/ml



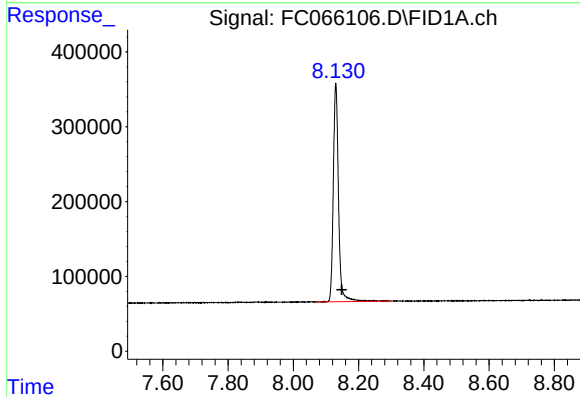
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.016 min
Response: 3337197
Conc: 18.94 ug/ml



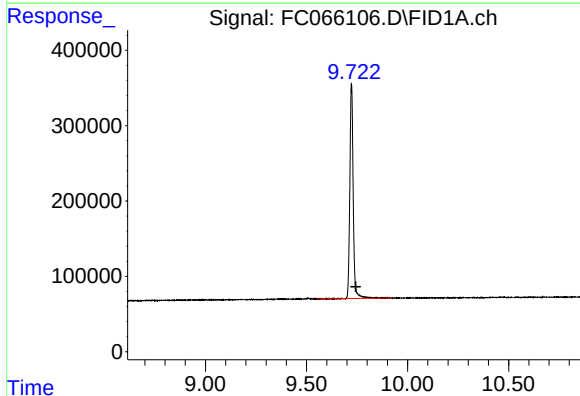
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.025 min
Response: 3123422
Conc: 18.34 ug/ml



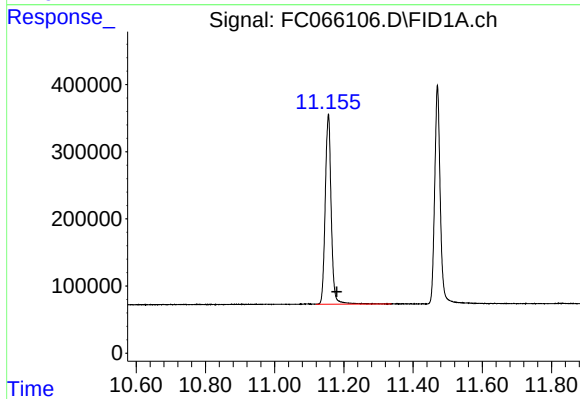
#6 n-Tetradecane (C14)

R.T.: 8.130 min
Delta R.T.: -0.019 min
Response: 3217339
Conc: 18.50 ug/ml



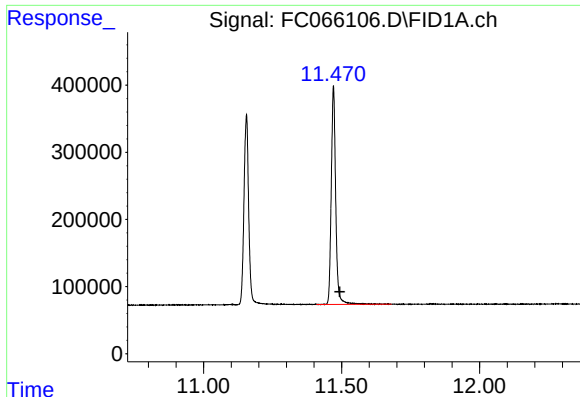
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.021 min
Response: 3315800
Conc: 18.56 ug/ml



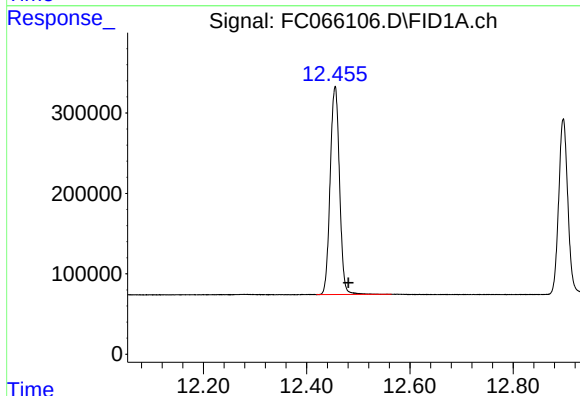
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 3376464
Conc: 18.58 ug/ml



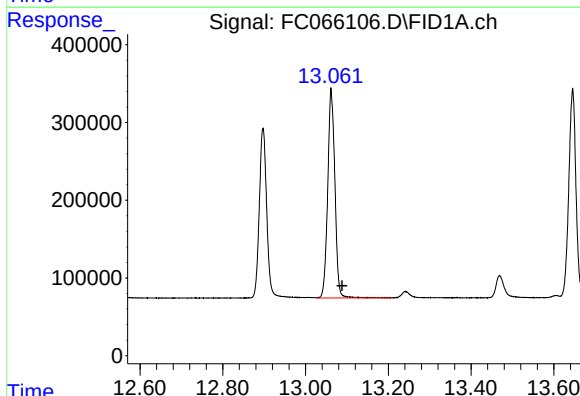
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.022 min
Response: 3645330
Conc: 18.65 ug/ml



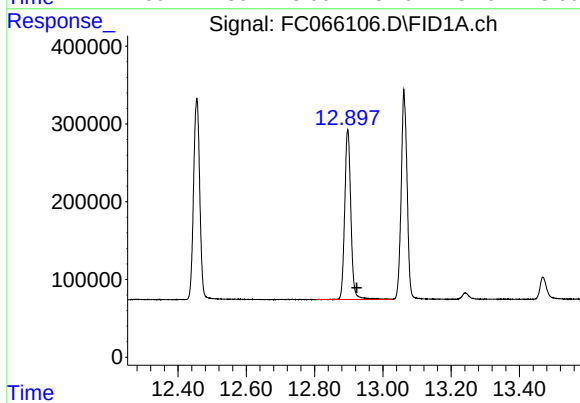
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.026 min
Response: 3250586
Conc: 18.62 ug/ml



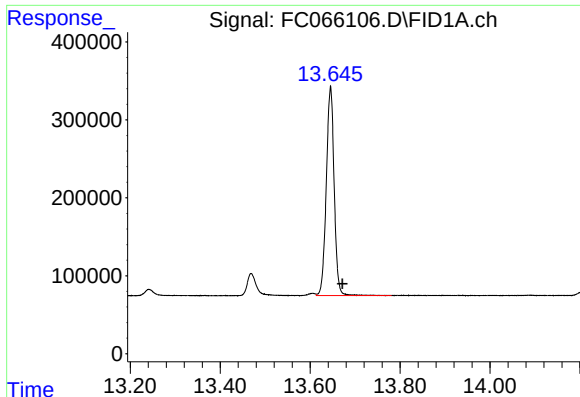
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.026 min
Response: 3231271
Conc: 18.64 ug/ml



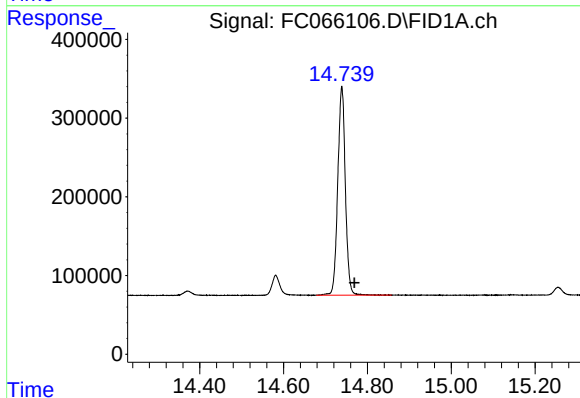
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.026 min
Response: 2738344
Conc: 18.78 ug/ml



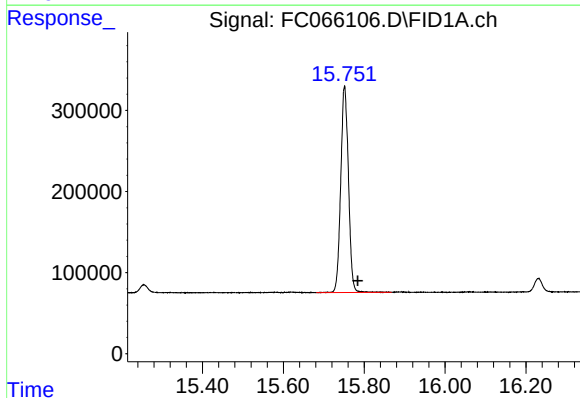
#13 n-Docosane (C22)

R.T.: 13.645 min
Delta R.T.: -0.026 min
Response: 3254793
Conc: 18.93 ug/ml



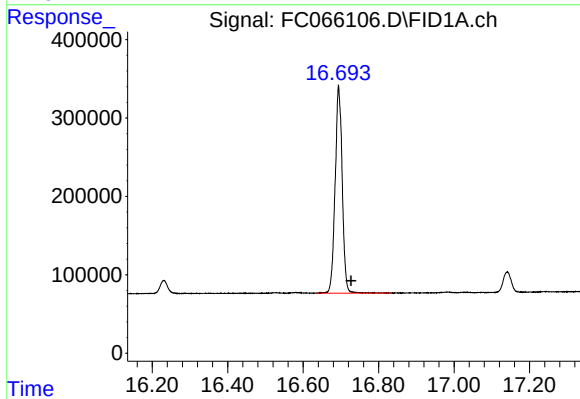
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.030 min
Response: 3343857
Conc: 19.58 ug/ml



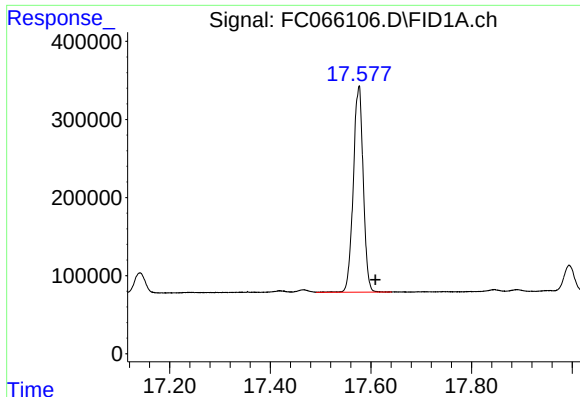
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.033 min
Response: 3370759
Conc: 20.02 ug/ml



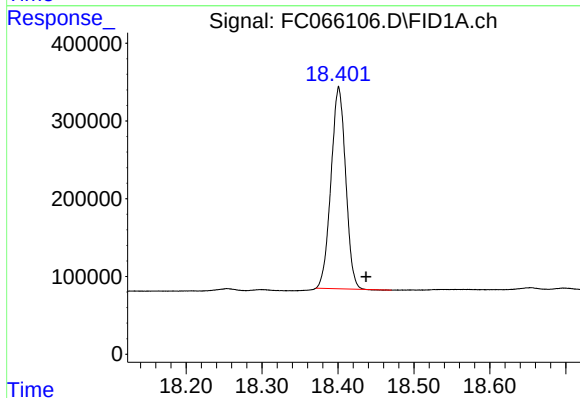
#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.033 min
Response: 3442891
Conc: 20.71 ug/ml



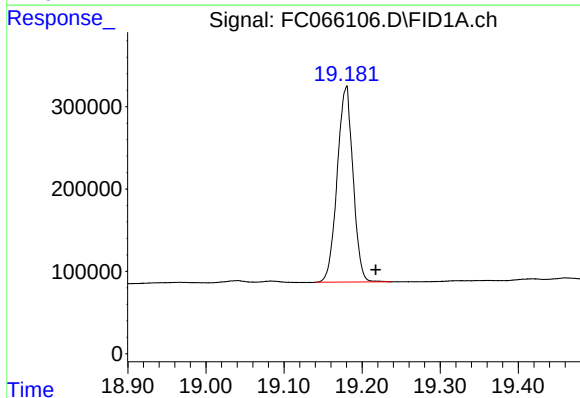
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.033 min
Response: 3616674
Conc: 21.18 ug/ml



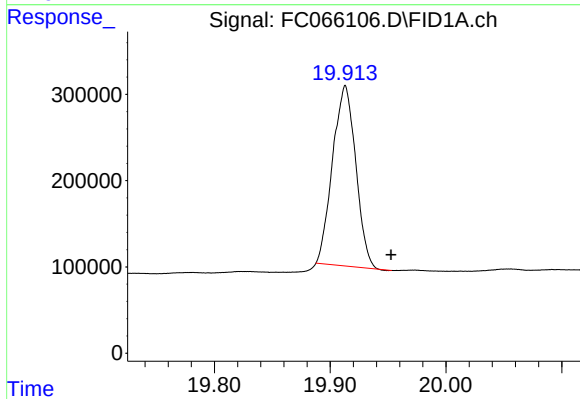
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.036 min
Response: 3473152
Conc: 20.60 ug/ml



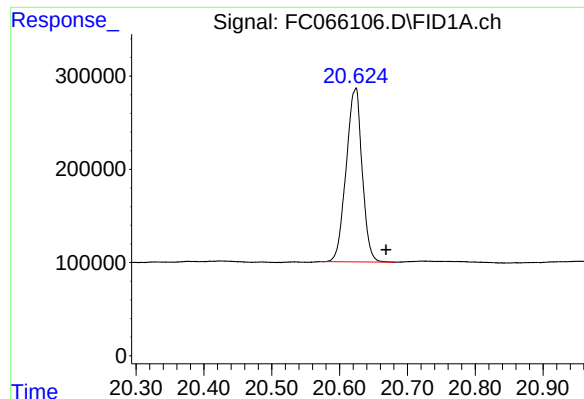
#19 n-Tetratriacontane (C34)

R.T.: 19.179 min
Delta R.T.: -0.039 min
Response: 3340298
Conc: 20.38 ug/ml



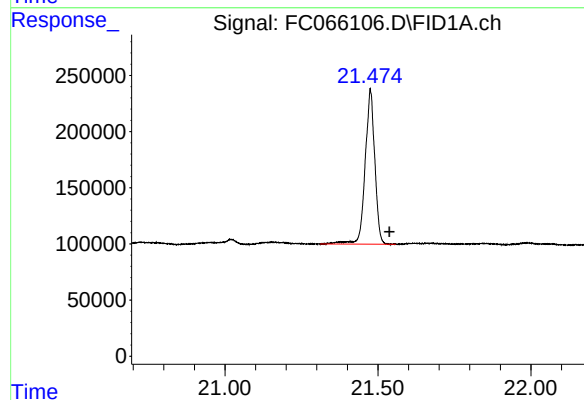
#20 n-Hexatriacontane (C36)

R.T.: 19.913 min
Delta R.T.: -0.040 min
Response: 2905645
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.623 min
Delta R.T.: -0.046 min
Response: 3040214
Conc: 19.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.475 min
Delta R.T.: -0.062 min
Response: 3023469
Conc: 19.12 ug/ml