

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041224AL\
 Data File : FE047591.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2024 07:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 08:43:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.989	3519164	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.423	2734252	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T n-Nonane (C9)	3.364	3224945	20.613 ug/ml
2) T n-Decane (C10)	4.617	3297255	20.516 ug/ml
3) T A~Naphthalene (C11.7)	6.327	3483309	20.544 ug/ml
4) T n-Dodecane (C12)	6.783	3314172	20.419 ug/ml
5) T A~2-methylnaphthalene...	7.423	3360513	20.463 ug/ml
6) T n-Tetradecane (C14)	8.613	3276664	20.368 ug/ml
7) T n-Hexadecane (C16)	10.222	3377875	20.339 ug/ml
8) T n-Octadecane (C18)	11.667	3405785	20.309 ug/ml
10) T n-Eicosane (C20)	12.977	3276780	20.227 ug/ml
11) T n-Heneicosane (C21)	13.590	3218778	20.285 ug/ml
13) T n-Docosane (C22)	14.176	3219505	20.062 ug/ml
14) T n-Tetracosane (C24)	15.279	3249102	19.684 ug/ml
15) T n-Hexacosane (C26)	16.300	3225585	19.514 ug/ml
16) T n-Octacosane (C28)	17.250	3230559	19.494 ug/ml
17) T n-Tricontane (C30)	18.137	3348175	19.721 ug/ml
18) T n-Dotriacontane (C32)	18.970	3358995	20.144 ug/ml
19) T n-Tetratriacontane (C34)	19.754	3337180	20.807 ug/ml
20) T n-Hexatriacontane (C36)	20.494	3407960	21.367 ug/ml
21) T n-Octatriacontane (C38)	21.241	3369163	20.730 ug/mlm
22) T n-Tetracontane (C40)	22.176	3206975	19.588 ug/ml

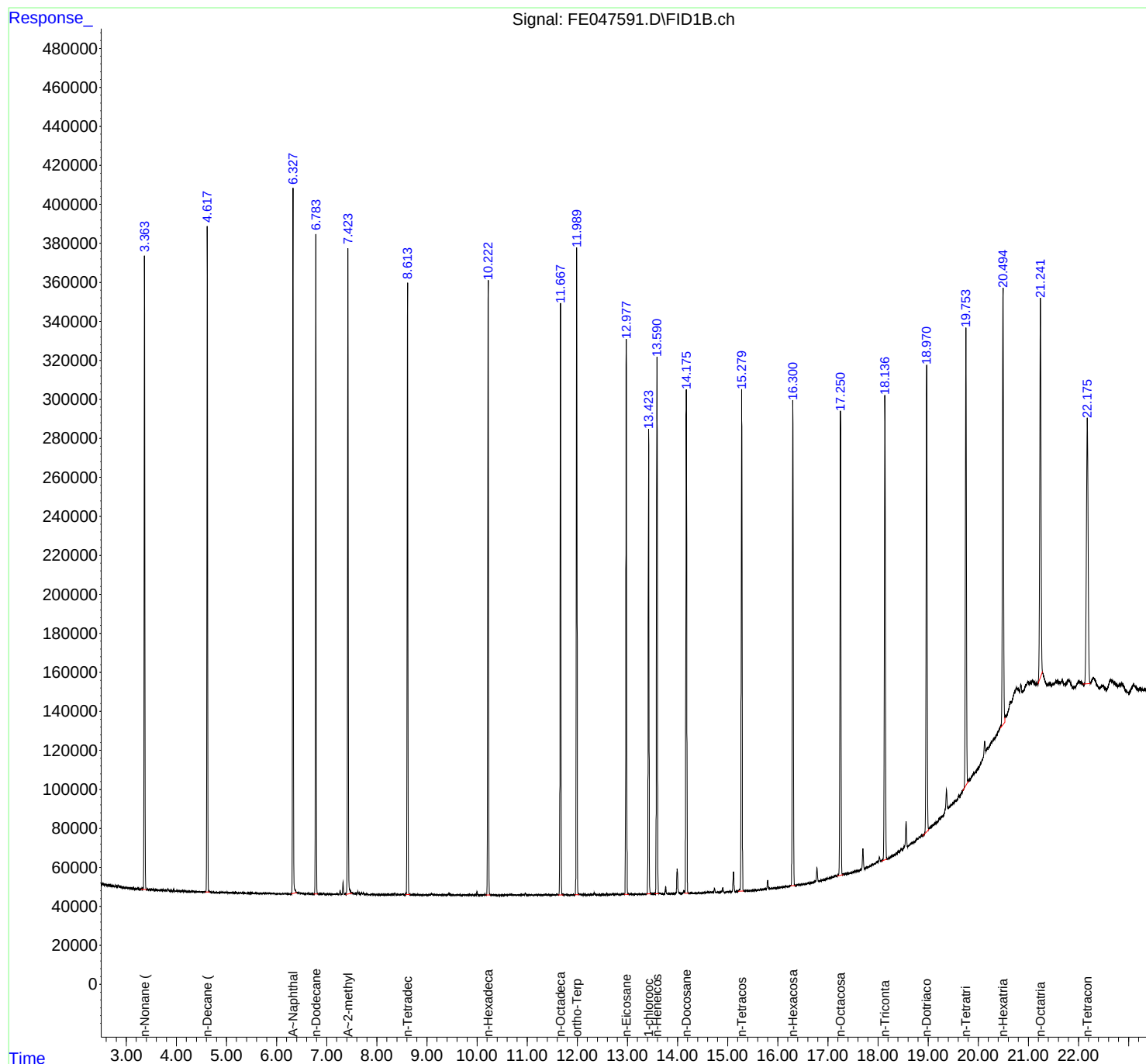
(f)=RT Delta > 1/2 Window

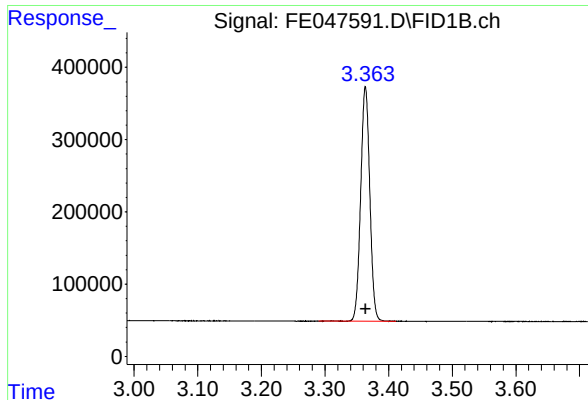
(m)=manual int.

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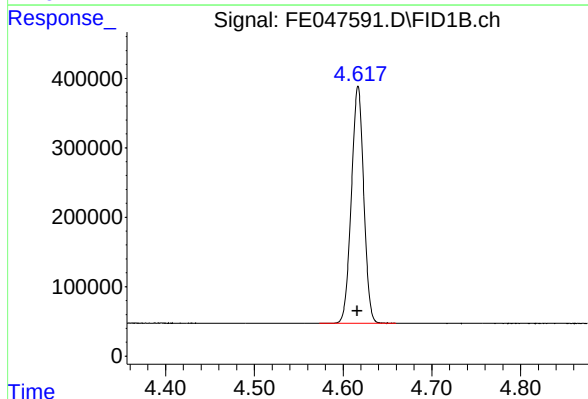
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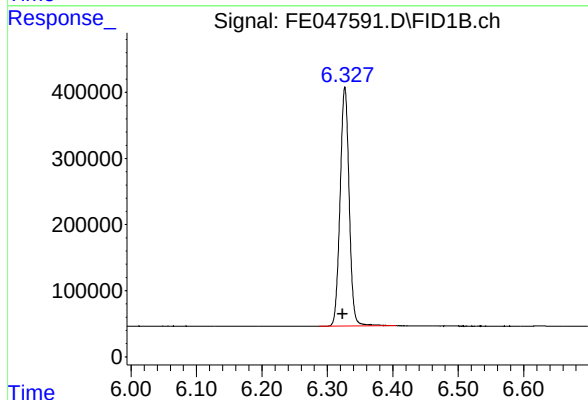
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 3224945
Conc: 20.61 ug/ml



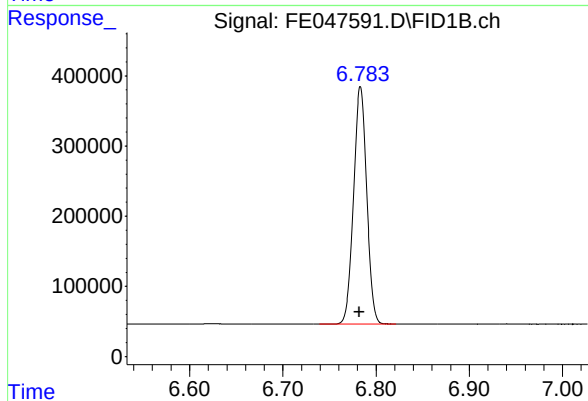
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 3297255
Conc: 20.52 ug/ml



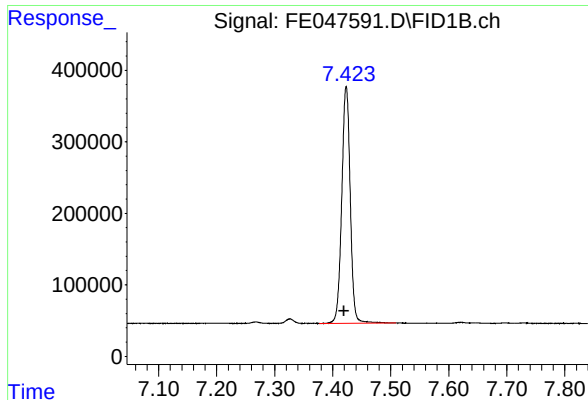
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 3483309
Conc: 20.54 ug/ml



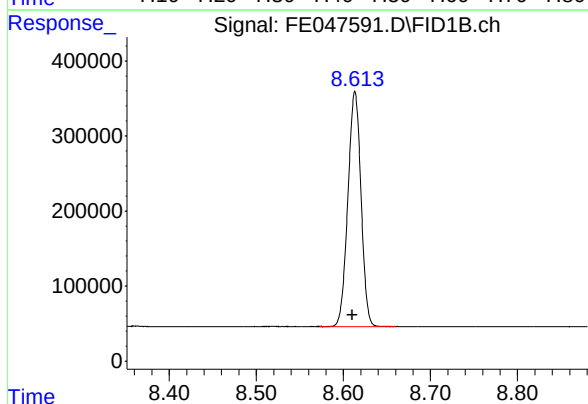
#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.001 min
Response: 3314172
Conc: 20.42 ug/ml



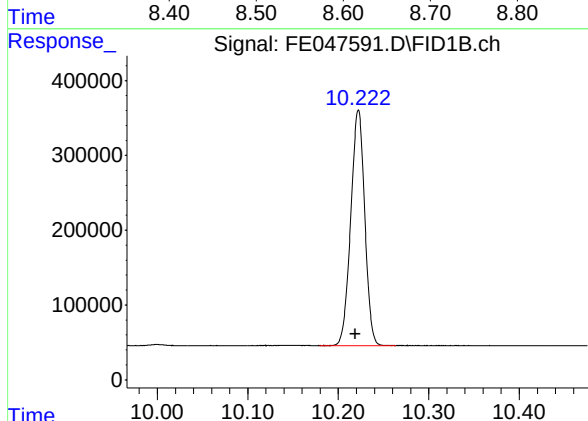
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.423 min
Delta R.T.: 0.004 min
Response: 3360513
Conc: 20.46 ug/ml



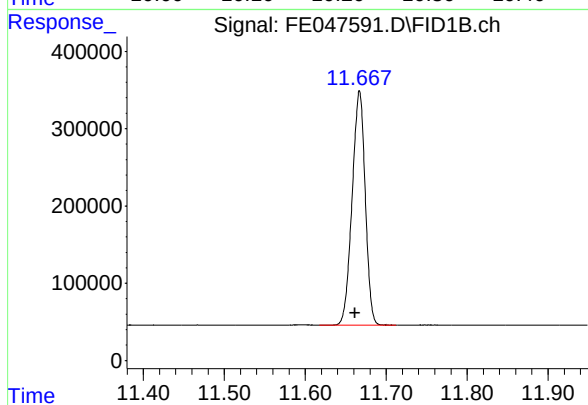
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 3276664
Conc: 20.37 ug/ml



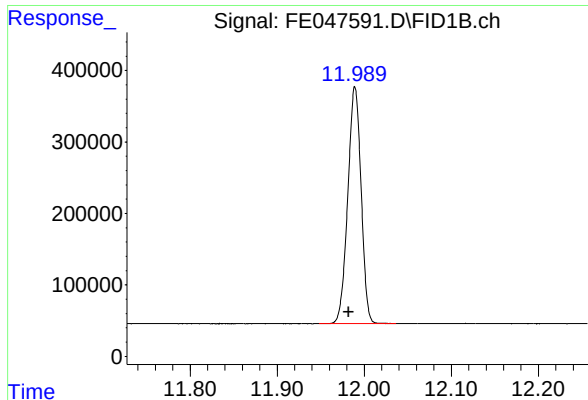
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.004 min
Response: 3377875
Conc: 20.34 ug/ml



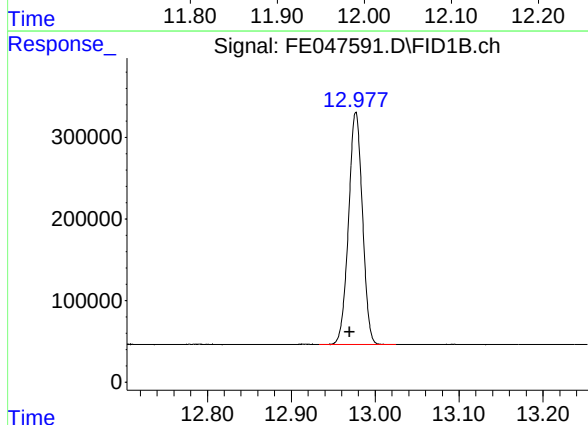
#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.006 min
Response: 3405785
Conc: 20.31 ug/ml



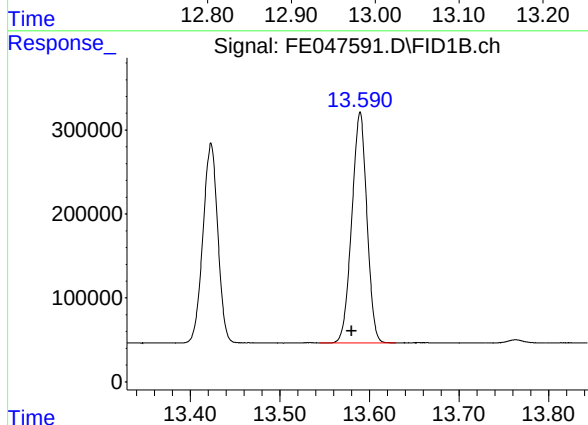
#9 ortho-Terphenyl (SURR)

R.T.: 11.989 min
Delta R.T.: 0.007 min
Response: 3519164
Conc: 20.29 ug/ml



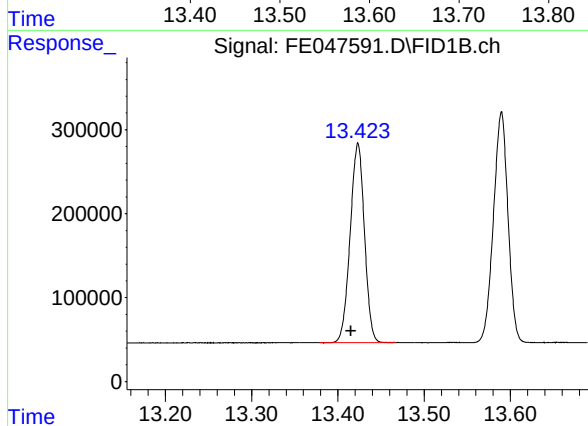
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.007 min
Response: 3276780
Conc: 20.23 ug/ml



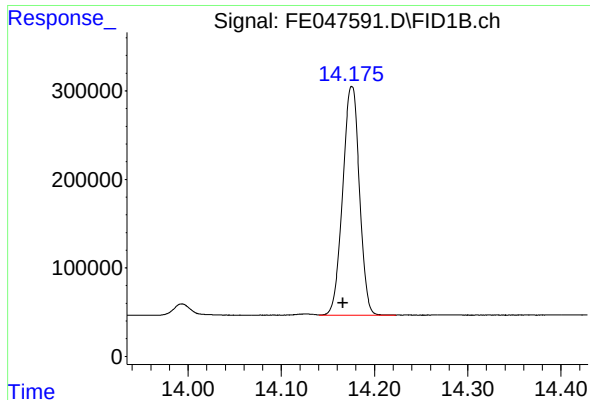
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.009 min
Response: 3218778
Conc: 20.29 ug/ml



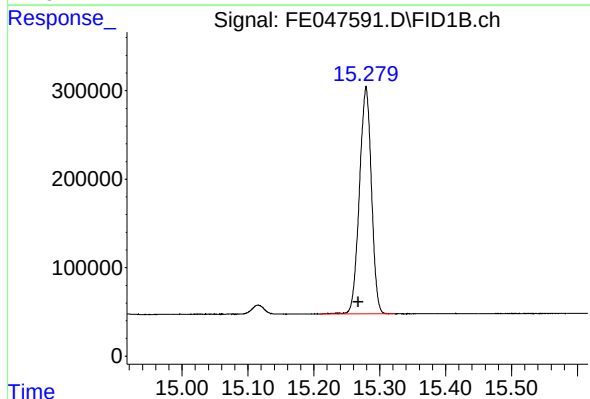
#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.008 min
Response: 2734252
Conc: 20.33 ug/ml



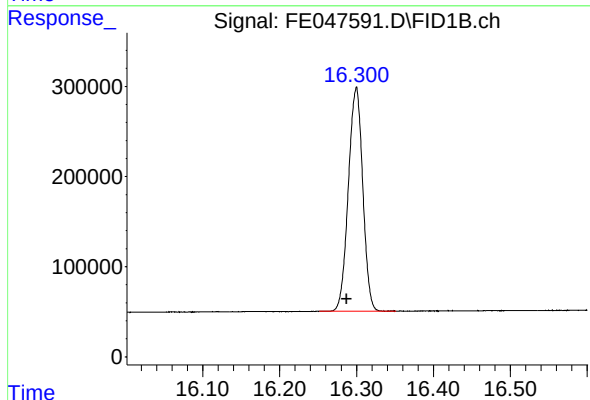
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.010 min
Response: 3219505
Conc: 20.06 ug/ml



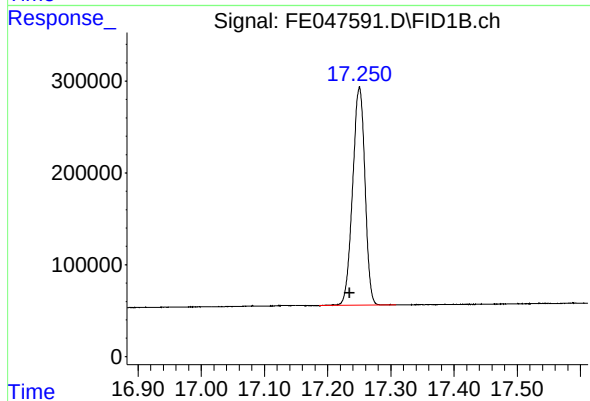
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: 0.012 min
Response: 3249102
Conc: 19.68 ug/ml



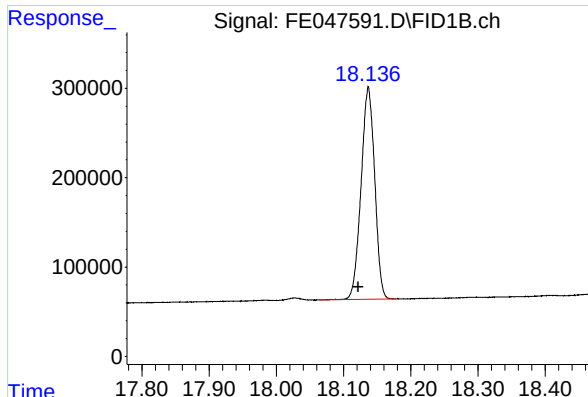
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.013 min
Response: 3225585
Conc: 19.51 ug/ml



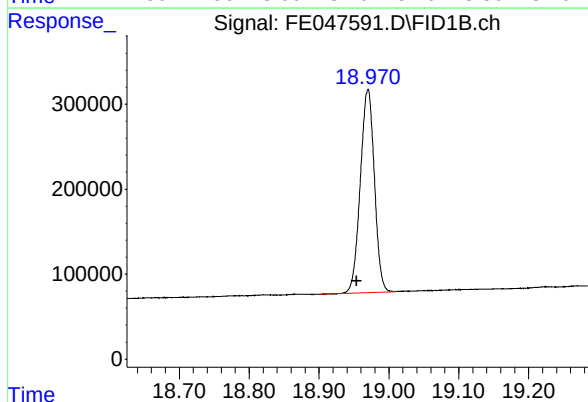
#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.015 min
Response: 3230559
Conc: 19.49 ug/ml



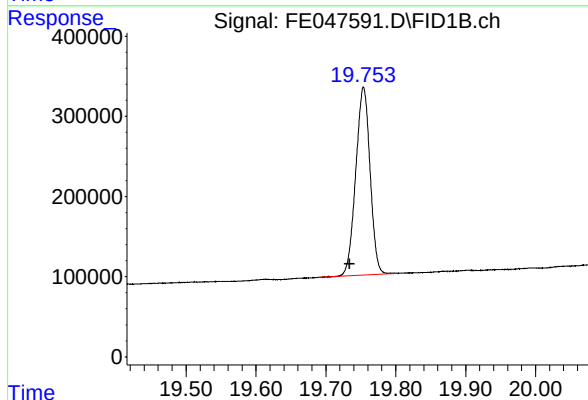
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: 0.015 min
Response: 3348175
Conc: 19.72 ug/ml



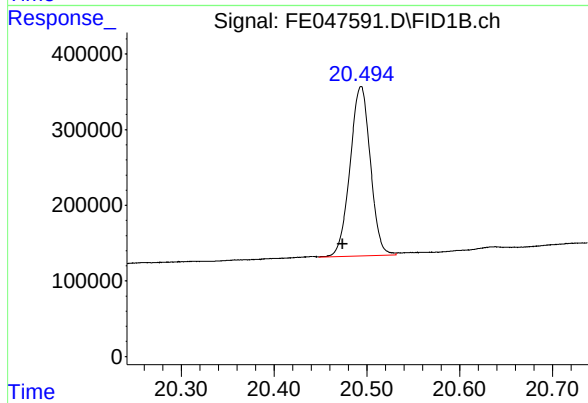
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: 0.017 min
Response: 3358995
Conc: 20.14 ug/ml



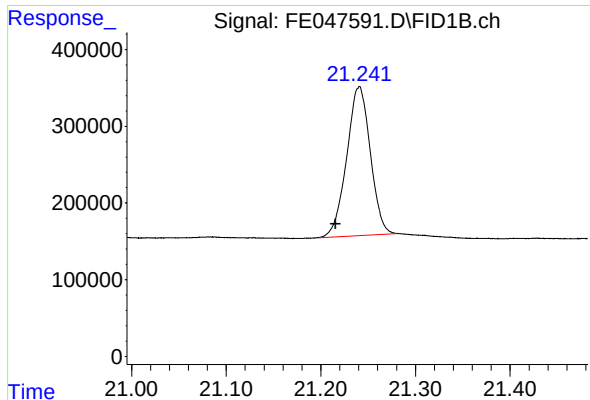
#19 n-Tetratriacontane (C34)

R.T.: 19.754 min
Delta R.T.: 0.020 min
Response: 3337180
Conc: 20.81 ug/ml



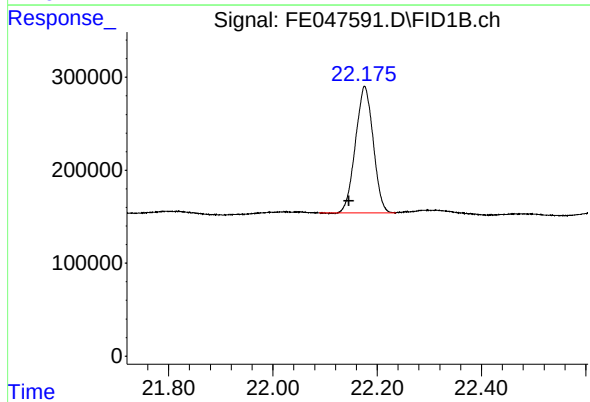
#20 n-Hexatriacontane (C36)

R.T.: 20.494 min
Delta R.T.: 0.020 min
Response: 3407960
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: 0.025 min
Response: 3369163
Conc: 20.73 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: 0.030 min
Response: 3206975
Conc: 19.59 ug/ml