

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041024AL\
 Data File : FE047560.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2024 19:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 01:29:44 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)	11.991	3622398	20.885 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
12) S 1-chlorooctadecane (S...	13.425	2808668	20.883 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	3.365	3325158	21.254 ug/ml
2) T n-Decane (C10)	4.619	3396475	21.133 ug/ml
3) T A~Naphthalene (C11.7)	6.329	3591088	21.180 ug/ml
4) T n-Dodecane (C12)	6.786	3411280	21.017 ug/ml
5) T A~2-methylnaphthalene...	7.426	3459209	21.064 ug/ml
6) T n-Tetradecane (C14)	8.616	3372600	20.964 ug/ml
7) T n-Hexadecane (C16)	10.224	3473588	20.916 ug/ml
8) T n-Octadecane (C18)	11.668	3498697	20.863 ug/ml
10) T n-Eicosane (C20)	12.978	3367607	20.787 ug/ml
11) T n-Heneicosane (C21)	13.591	3309068	20.854 ug/ml
13) T n-Docosane (C22)	14.177	3308012	20.613 ug/ml
14) T n-Tetracosane (C24)	15.280	3327089	20.156 ug/ml
15) T n-Hexacosane (C26)	16.301	3307427	20.009 ug/ml
16) T n-Octacosane (C28)	17.251	3305924	19.949 ug/ml
17) T n-Tricontane (C30)	18.139	3537475	20.836 ug/ml
18) T n-Dotriacontane (C32)	18.971	3399370	20.386 ug/ml
19) T n-Tetratriacontane (C34)	19.755	3569104	22.253 ug/ml
20) T n-Hexatriacontane (C36)	20.493	3657100	22.929 ug/ml
21) T n-Octatriacontane (C38)	21.241	3347959	20.600 ug/ml
22) T n-Tetracontane (C40)	22.176	3163455	19.322 ug/ml

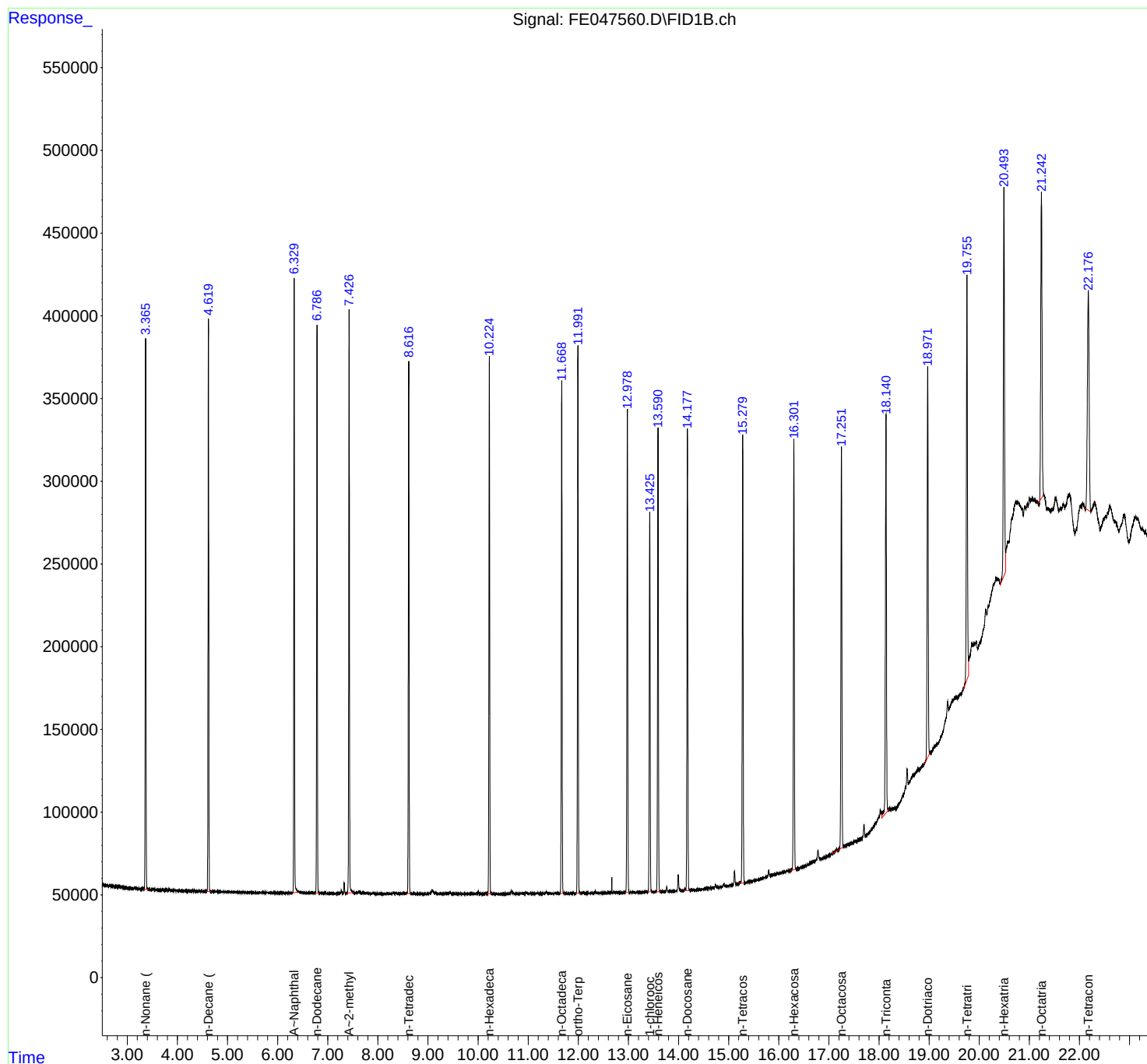
(f)=RT Delta > 1/2 Window

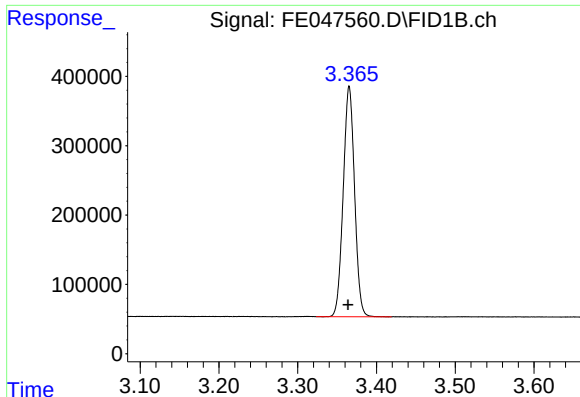
(m)=manual int.

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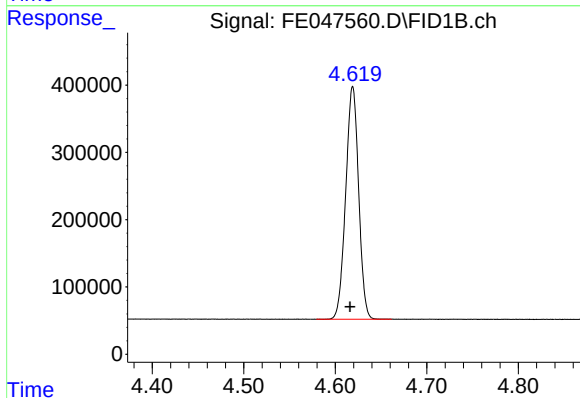
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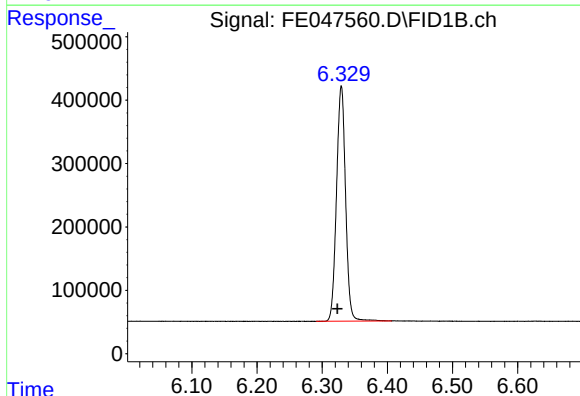
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.001 min
Response: 3325158
Conc: 21.25 ug/ml



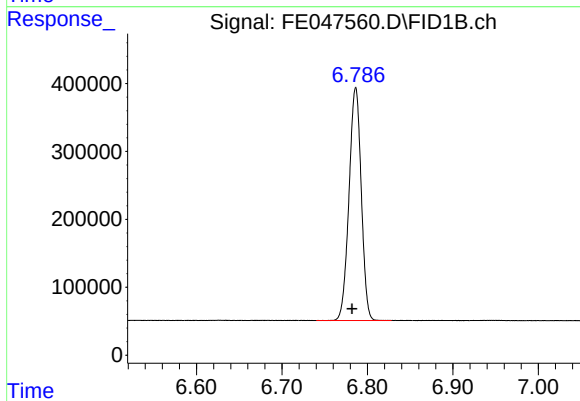
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.003 min
Response: 3396475
Conc: 21.13 ug/ml



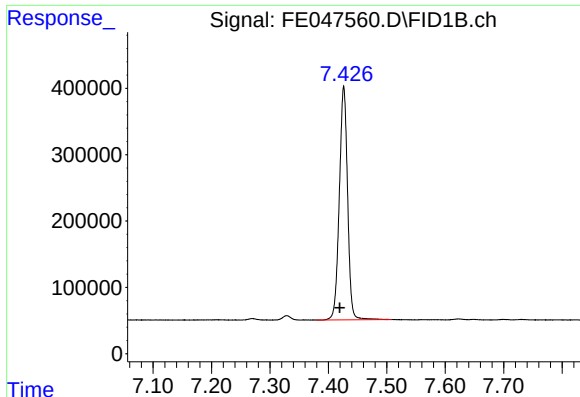
#3 A~Naphthalene (C11.7)

R.T.: 6.329 min
Delta R.T.: 0.006 min
Response: 3591088
Conc: 21.18 ug/ml



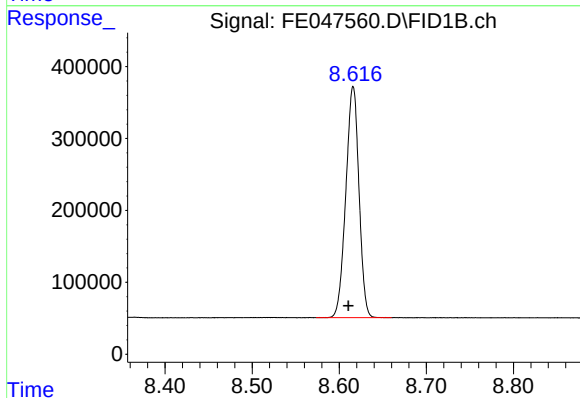
#4 n-Dodecane (C12)

R.T.: 6.786 min
Delta R.T.: 0.004 min
Response: 3411280
Conc: 21.02 ug/ml



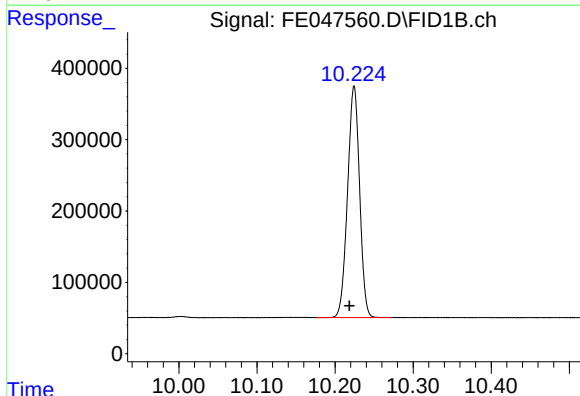
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.426 min
Delta R.T.: 0.007 min
Response: 3459209
Conc: 21.06 ug/ml



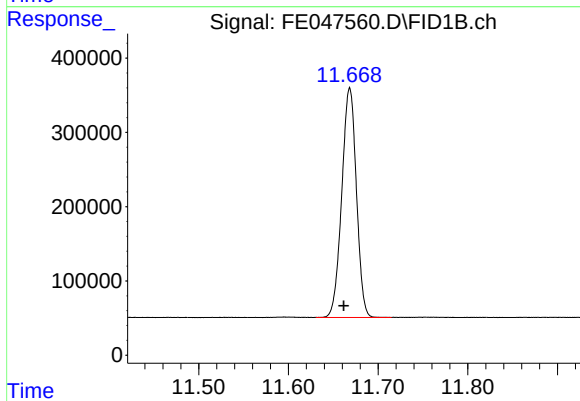
#6 n-Tetradecane (C14)

R.T.: 8.616 min
Delta R.T.: 0.006 min
Response: 3372600
Conc: 20.96 ug/ml



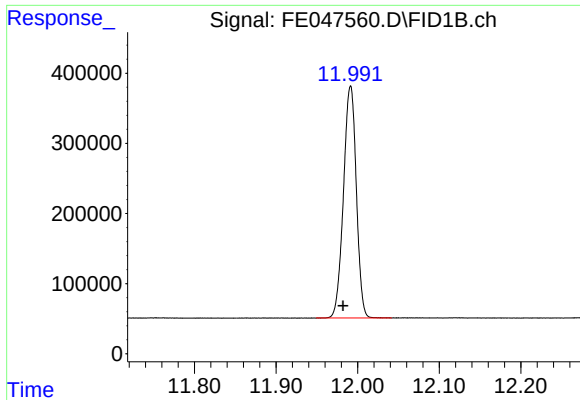
#7 n-Hexadecane (C16)

R.T.: 10.224 min
Delta R.T.: 0.006 min
Response: 3473588
Conc: 20.92 ug/ml



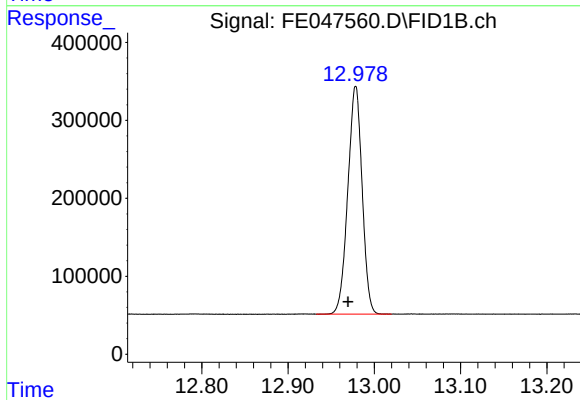
#8 n-Octadecane (C18)

R.T.: 11.668 min
Delta R.T.: 0.007 min
Response: 3498697
Conc: 20.86 ug/ml



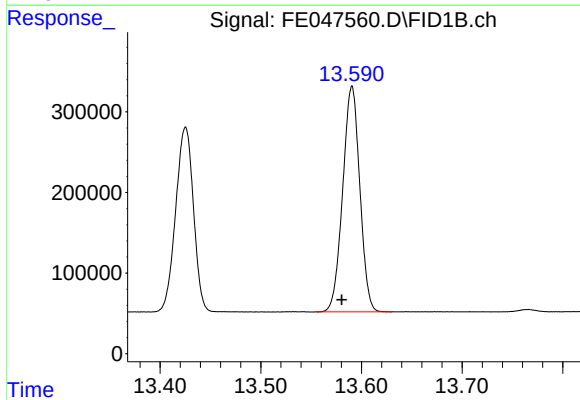
#9 ortho-Terphenyl (SURR)

R.T.: 11.991 min
Delta R.T.: 0.009 min
Response: 3622398
Conc: 20.88 ug/ml



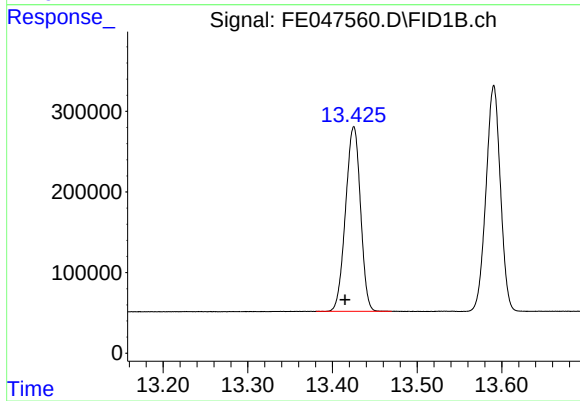
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: 0.009 min
Response: 3367607
Conc: 20.79 ug/ml



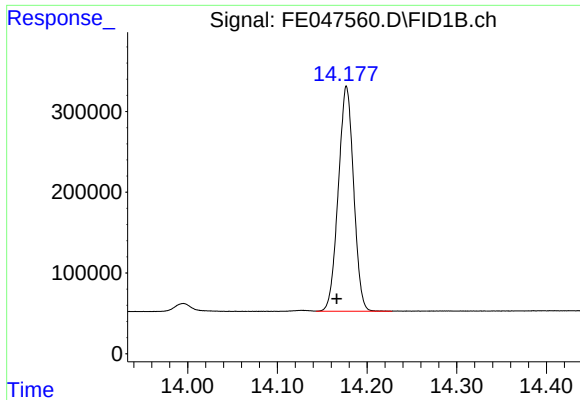
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.010 min
Response: 3309068
Conc: 20.85 ug/ml



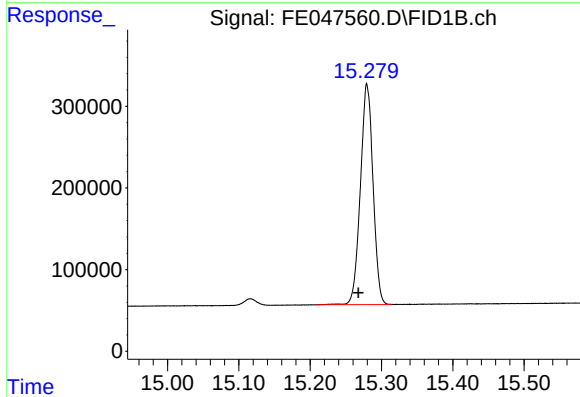
#12 1-chlorooctadecane (SURR)

R.T.: 13.425 min
Delta R.T.: 0.010 min
Response: 2808668
Conc: 20.88 ug/ml



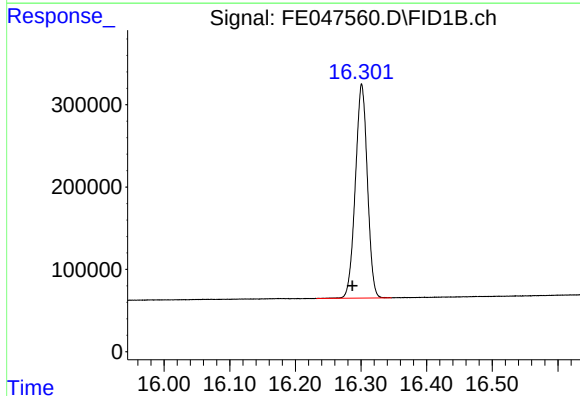
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.011 min
Response: 3308012
Conc: 20.61 ug/ml



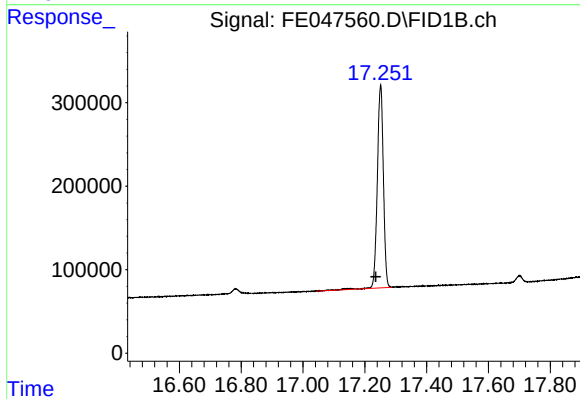
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.012 min
Response: 3327089
Conc: 20.16 ug/ml



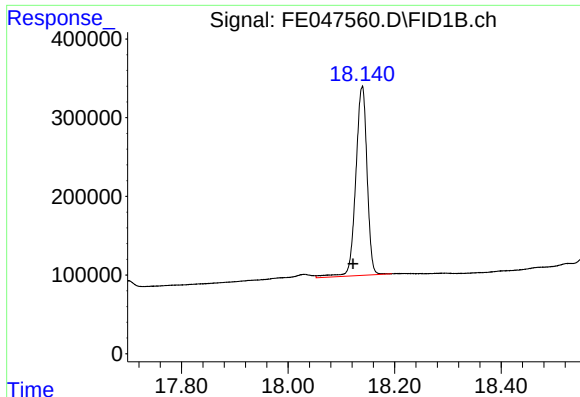
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.014 min
Response: 3307427
Conc: 20.01 ug/ml



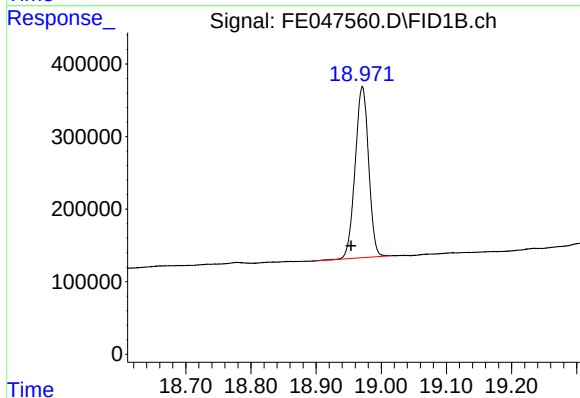
#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.016 min
Response: 3305924
Conc: 19.95 ug/ml



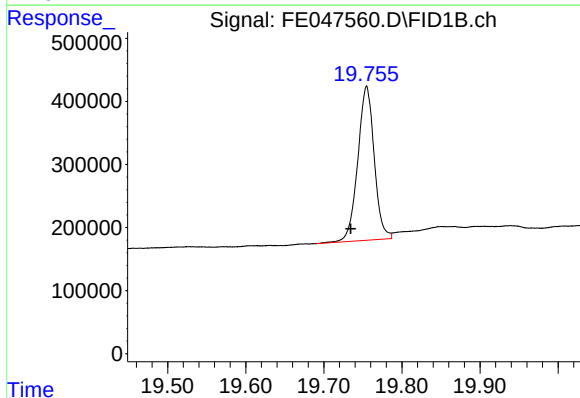
#17 n-Tricontane (C30)

R.T.: 18.139 min
Delta R.T.: 0.017 min
Response: 3537475
Conc: 20.84 ug/ml



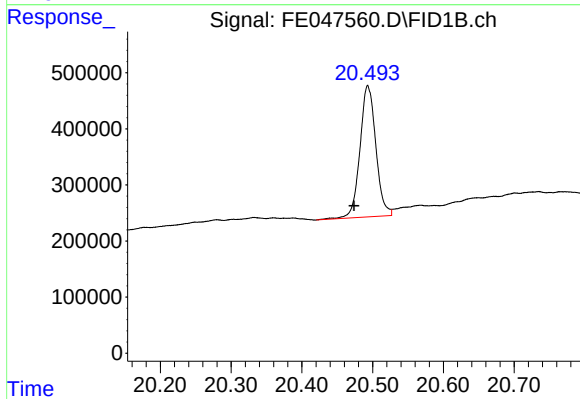
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.018 min
Response: 3399370
Conc: 20.39 ug/ml



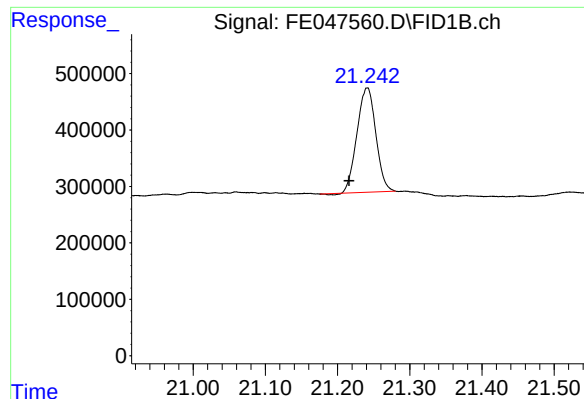
#19 n-Tetratriacontane (C34)

R.T.: 19.755 min
Delta R.T.: 0.020 min
Response: 3569104
Conc: 22.25 ug/ml



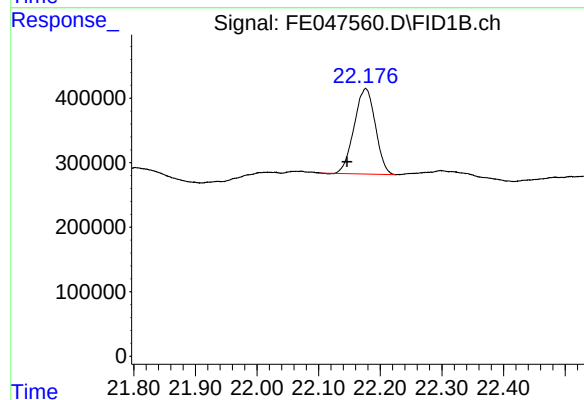
#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: 0.019 min
Response: 3657100
Conc: 22.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: 0.026 min
Response: 3347959
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: 0.030 min
Response: 3163455
Conc: 19.32 ug/ml