

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041024AL\
 Data File : FE047550.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2024 12:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 01:15:12 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)	11.986	3633356	20.948 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.420	2812806	20.914 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T n-Nonane (C9)	3.364	3347795	21.399 ug/ml
2) T n-Decane (C10)	4.617	3411500	21.227 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3588187	21.162 ug/ml
4) T n-Dodecane (C12)	6.784	3419494	21.068 ug/ml
5) T A~2-methylnaphthalene...	7.422	3457244	21.052 ug/ml
6) T n-Tetradecane (C14)	8.612	3377822	20.997 ug/ml
7) T n-Hexadecane (C16)	10.220	3479555	20.952 ug/ml
8) T n-Octadecane (C18)	11.664	3515639	20.964 ug/ml
10) T n-Eicosane (C20)	12.974	3373907	20.826 ug/ml
11) T n-Heneicosane (C21)	13.586	3316774	20.903 ug/ml
13) T n-Docosane (C22)	14.172	3306319	20.602 ug/ml
14) T n-Tetracosane (C24)	15.274	3327990	20.162 ug/ml
15) T n-Hexacosane (C26)	16.295	3298073	19.952 ug/ml
16) T n-Octacosane (C28)	17.244	3271775	19.743 ug/ml
17) T n-Tricontane (C30)	18.131	3367277	19.834 ug/ml
18) T n-Dotriacontane (C32)	18.962	3336968	20.012 ug/ml
19) T n-Tetratriacontane (C34)	19.747	3297519	20.560 ug/mlm
20) T n-Hexatriacontane (C36)	20.486	3398755	21.309 ug/mlm
21) T n-Octatriacontane (C38)	21.230	3385657	20.832 ug/mlm
22) T n-Tetracontane (C40)	22.162	3279045	20.028 ug/ml

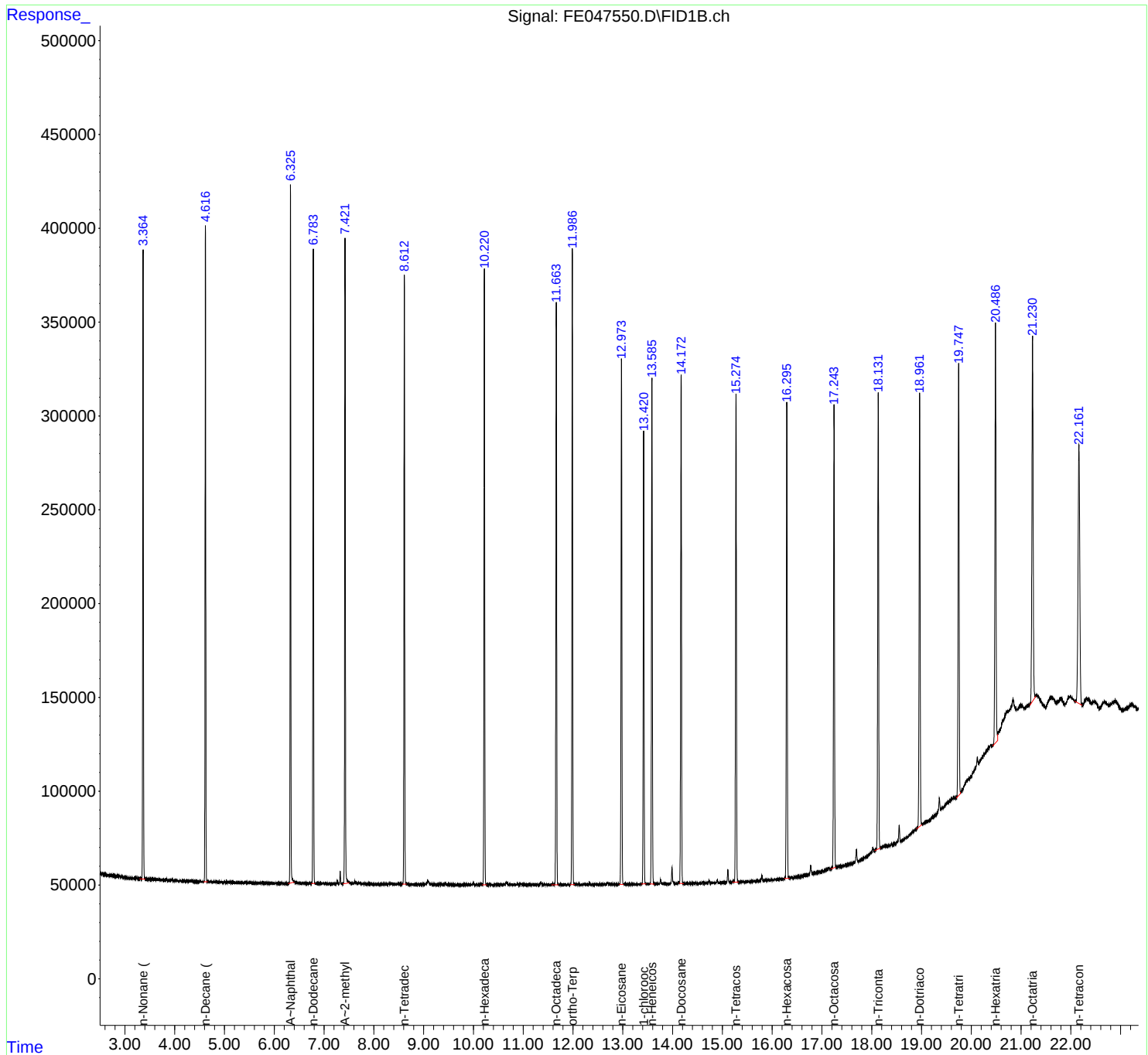
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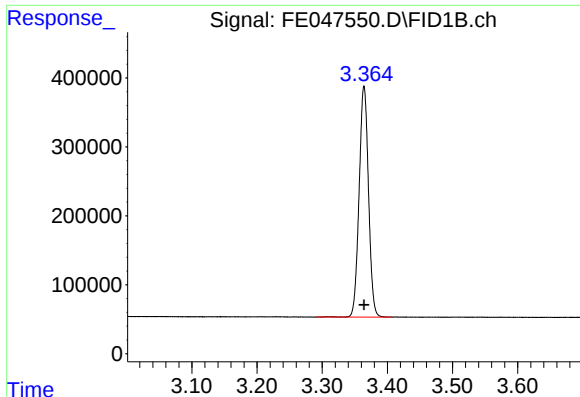
(m)=manual int.

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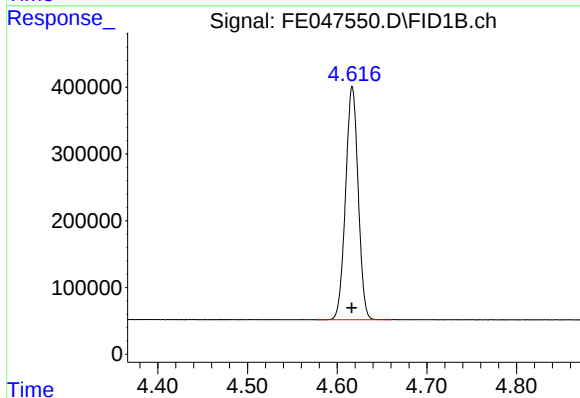
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





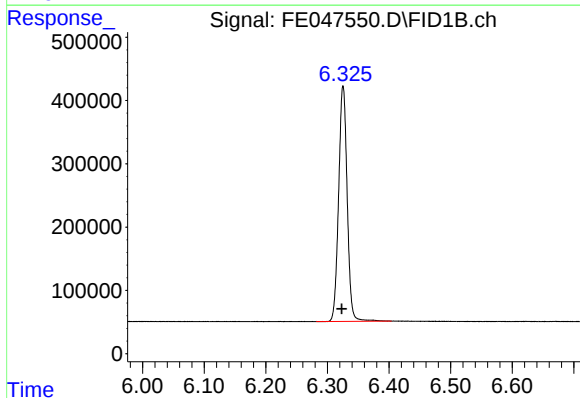
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 3347795
Conc: 21.40 ug/ml



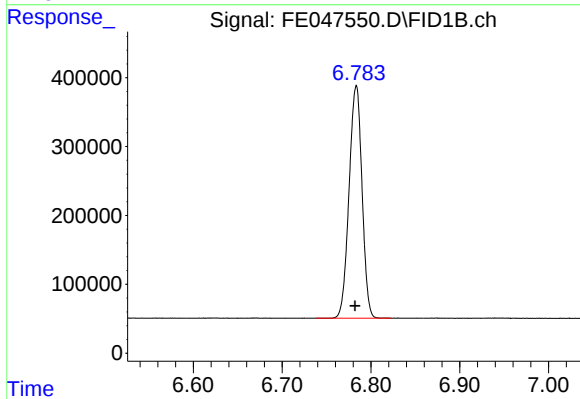
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 3411500
Conc: 21.23 ug/ml



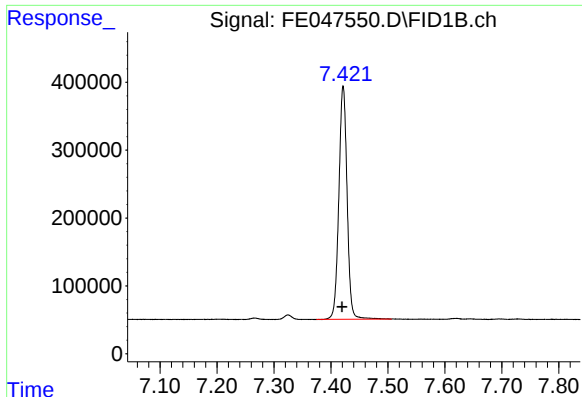
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 3588187
Conc: 21.16 ug/ml



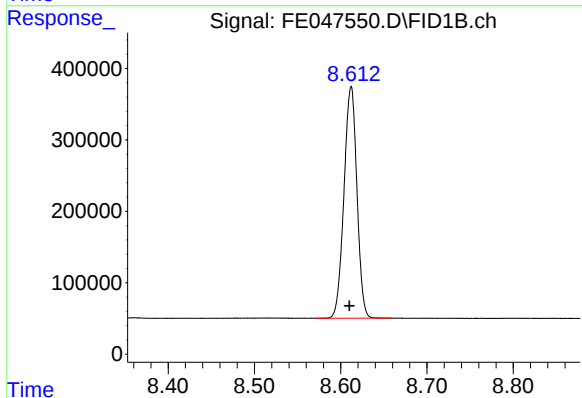
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 3419494
Conc: 21.07 ug/ml



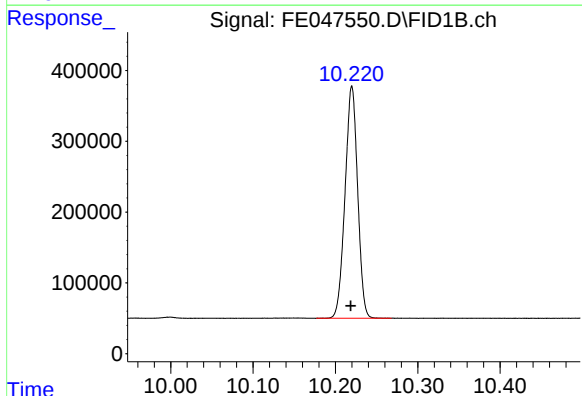
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.002 min
Response: 3457244
Conc: 21.05 ug/ml



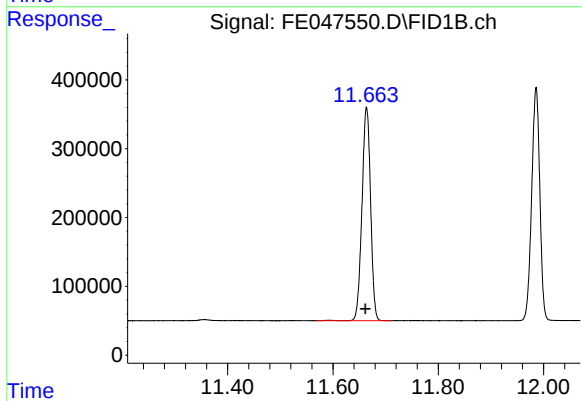
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.002 min
Response: 3377822
Conc: 21.00 ug/ml



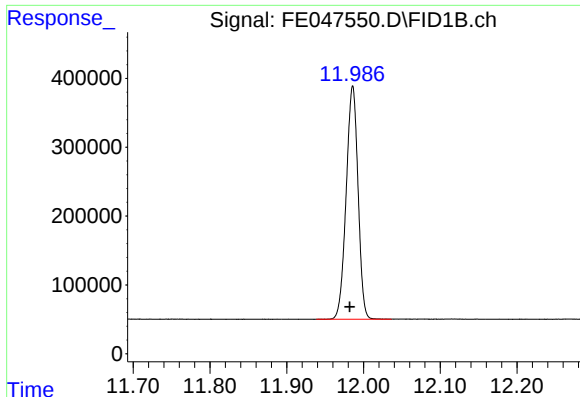
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.001 min
Response: 3479555
Conc: 20.95 ug/ml



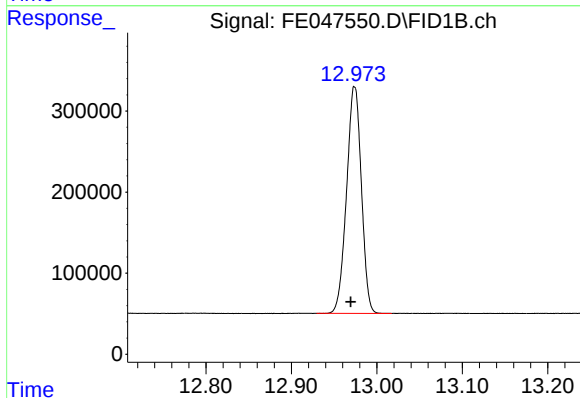
#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.002 min
Response: 3515639
Conc: 20.96 ug/ml



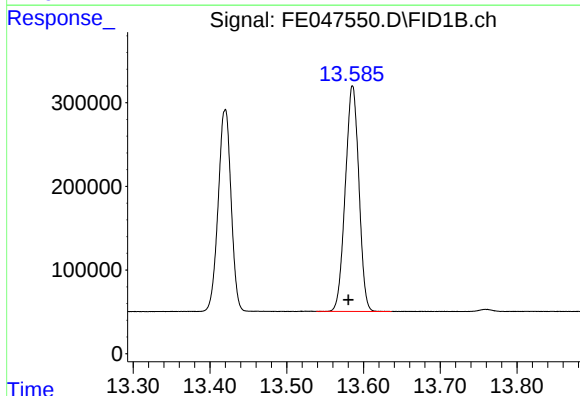
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.004 min
Response: 3633356
Conc: 20.95 ug/ml



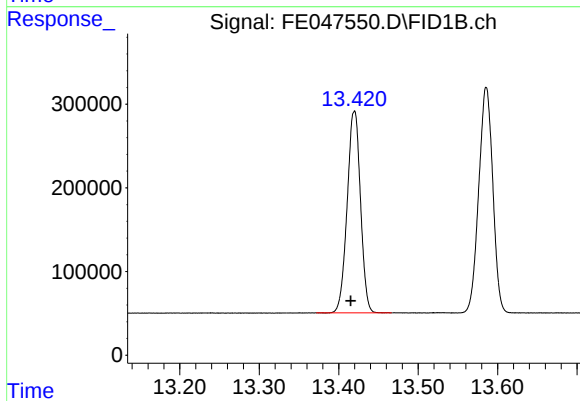
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.004 min
Response: 3373907
Conc: 20.83 ug/ml



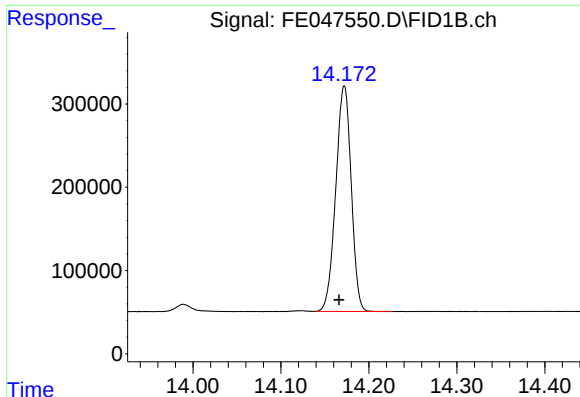
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.005 min
Response: 3316774
Conc: 20.90 ug/ml



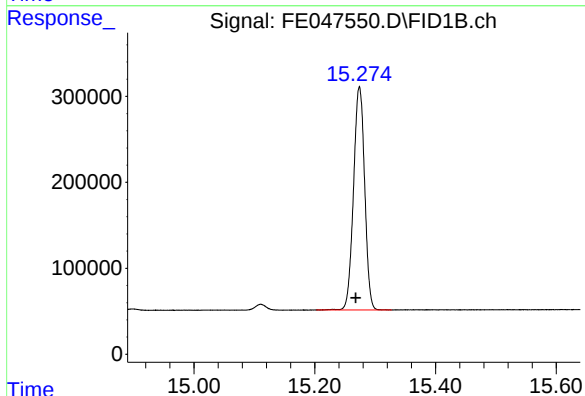
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.005 min
Response: 2812806
Conc: 20.91 ug/ml



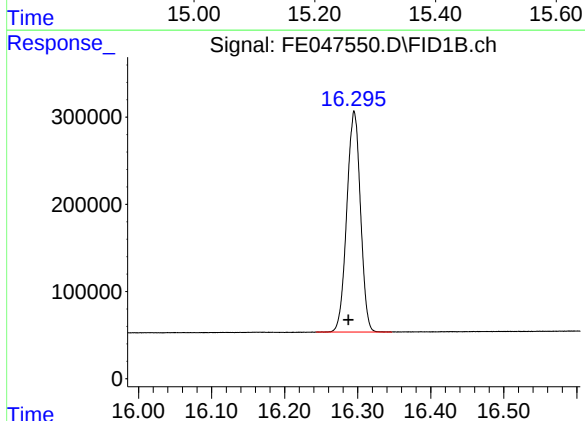
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.006 min
Response: 3306319
Conc: 20.60 ug/ml



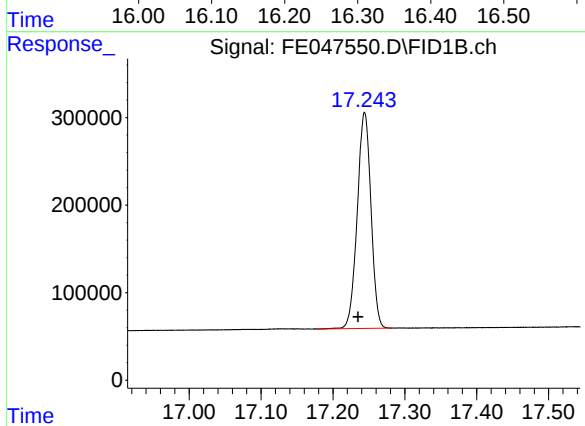
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.006 min
Response: 3327990
Conc: 20.16 ug/ml



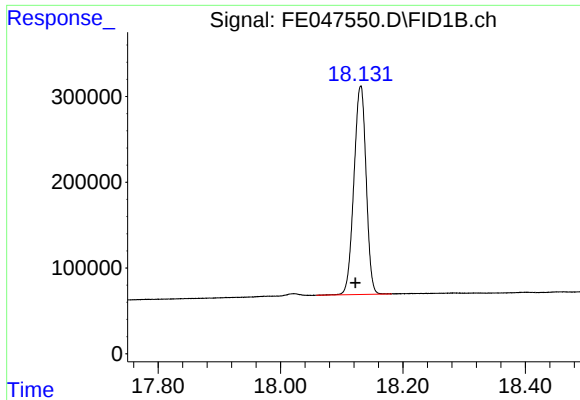
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.008 min
Response: 3298073
Conc: 19.95 ug/ml



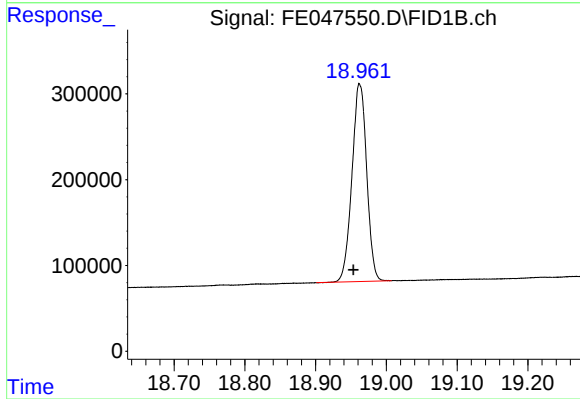
#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.009 min
Response: 3271775
Conc: 19.74 ug/ml



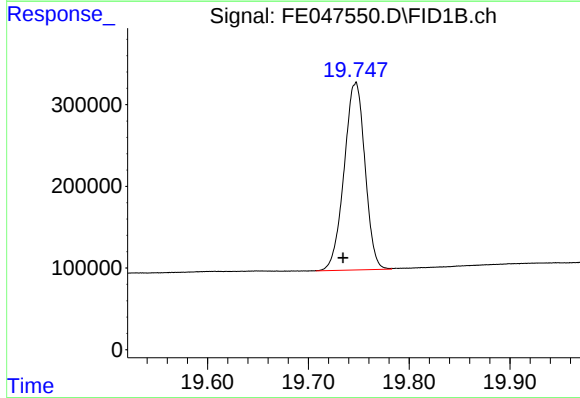
#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 3367277
Conc: 19.83 ug/ml



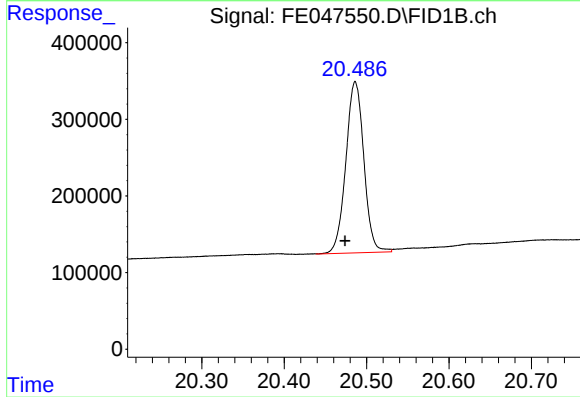
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: 0.009 min
Response: 3336968
Conc: 20.01 ug/ml



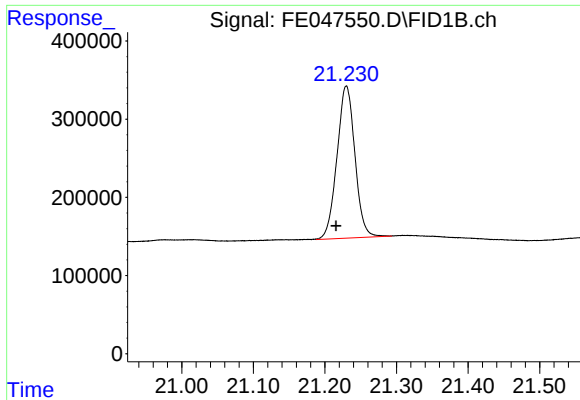
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.013 min
Response: 3297519
Conc: 20.56 ug/ml m



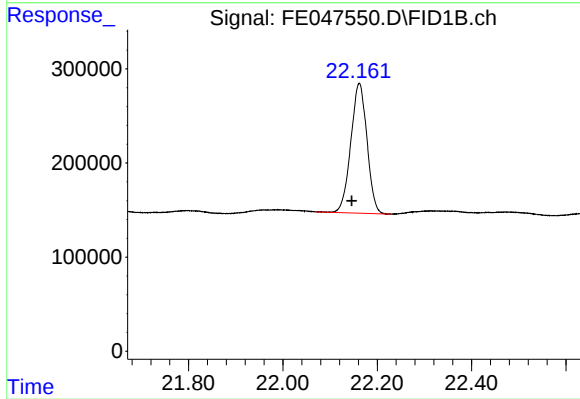
#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.012 min
Response: 3398755
Conc: 21.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.014 min
Response: 3385657
Conc: 20.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.016 min
Response: 3279045
Conc: 20.03 ug/ml