

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031623AL\
 Data File : FE040831.D
 Signal(s) : FID1B.ch
 Acq On : 16 Mar 2023 12:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 03:05:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 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)	11.874	3818650	20.441 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	13.313	2965097	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.270	3407554	22.145 ug/ml
2) T n-Decane (C10)	4.517	3402496	22.616 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3730244	22.489 ug/ml
4) T n-Dodecane (C12)	6.682	3454870	22.568 ug/ml
5) T A~2-methylnaphthalene...	7.315	3434721	22.695 ug/ml
6) T n-Tetradecane (C14)	8.509	3485959	22.555 ug/ml
7) T n-Hexadecane (C16)	10.116	3584679	22.193 ug/ml
8) T n-Octadecane (C18)	11.559	3630446	21.381 ug/ml
10) T n-Eicosane (C20)	12.868	3502047	20.702 ug/ml
11) T n-Heneicosane (C21)	13.480	3480783	20.313 ug/ml
13) T n-Docosane (C22)	14.066	3411319	19.913 ug/ml
14) T n-Tetracosane (C24)	15.170	3327936	19.305 ug/ml
15) T n-Hexacosane (C26)	16.193	3183667	18.732 ug/ml
16) T n-Octacosane (C28)	17.143	3162620	18.858 ug/ml
17) T n-Tricontane (C30)	18.032	3245141	19.874 ug/ml
18) T n-Dotriacontane (C32)	18.866	3295850	19.257 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3149647	20.372 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2931672	20.179 ug/ml
21) T n-Octatriacontane (C38)	21.120	2827446	20.570 ug/ml
22) T n-Tetracontane (C40)	22.012	2910413	18.835 ug/ml

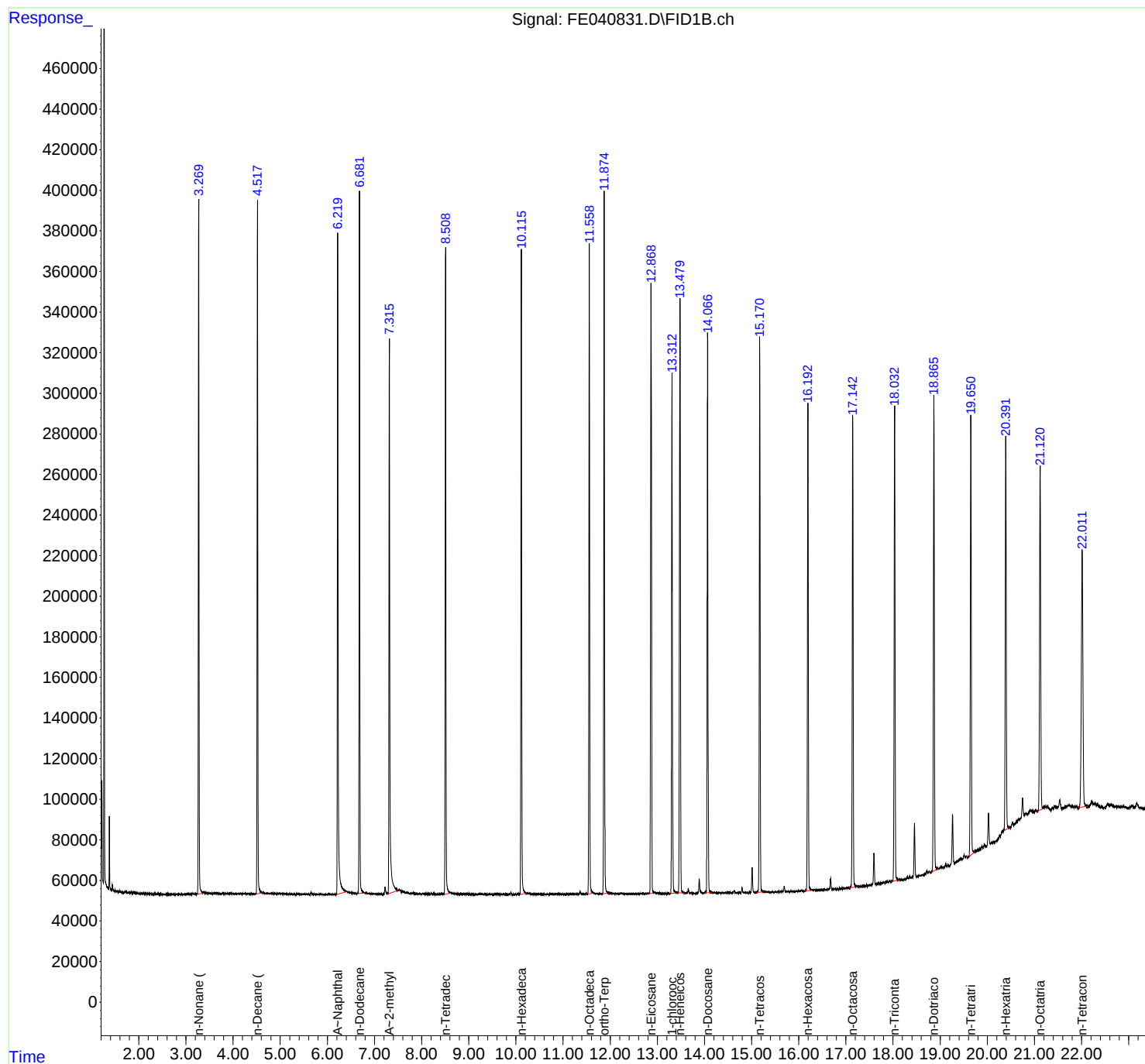
(f)=RT Delta > 1/2 Window

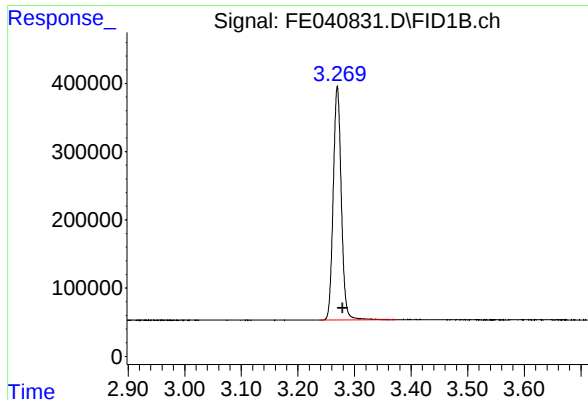
(m)=manual int.

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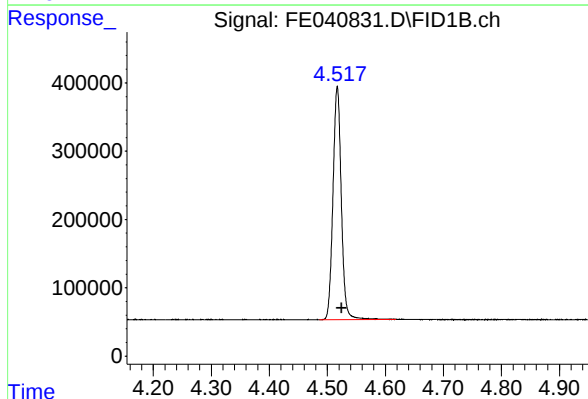
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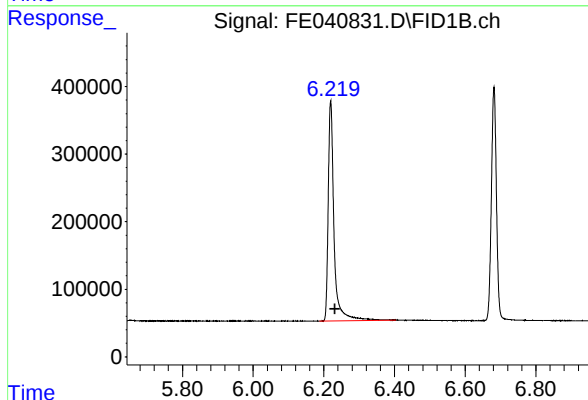
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 3407554
Conc: 22.15 ug/ml



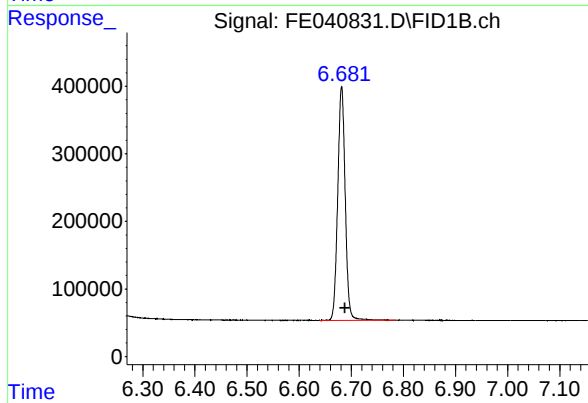
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.008 min
Response: 3402496
Conc: 22.62 ug/ml



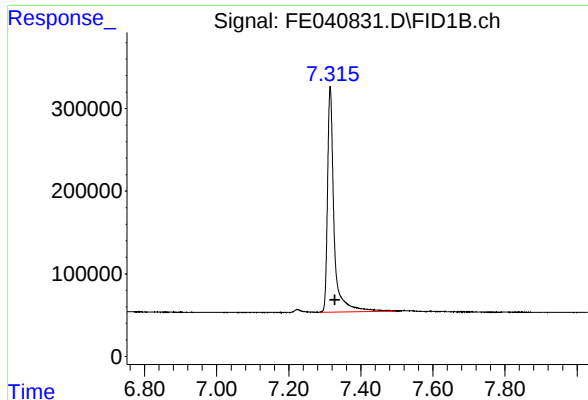
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.012 min
Response: 3730244
Conc: 22.49 ug/ml



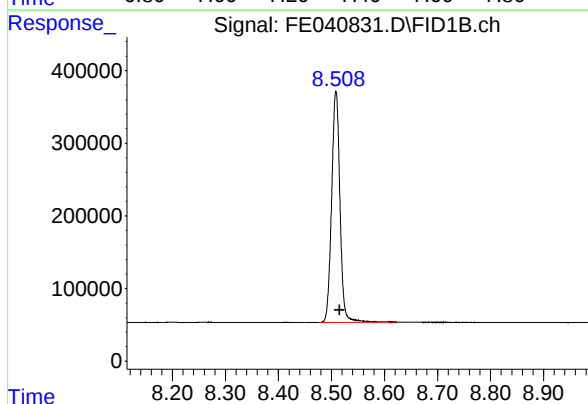
#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: -0.006 min
Response: 3454870
Conc: 22.57 ug/ml



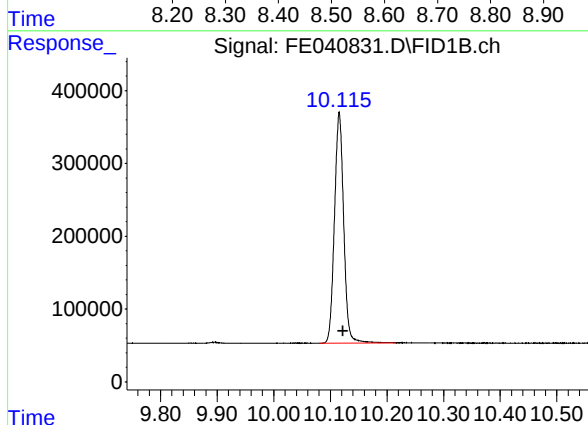
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: -0.013 min
Response: 3434721
Conc: 22.69 ug/ml



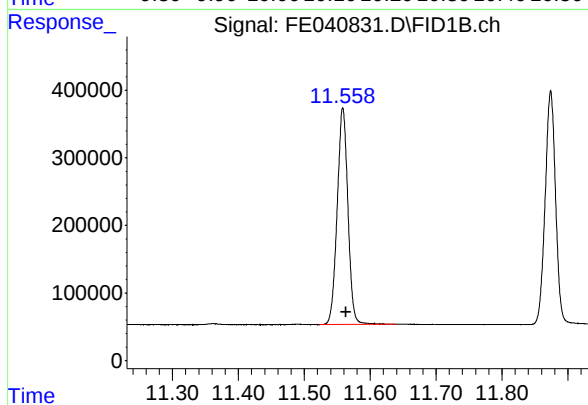
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.007 min
Response: 3485959
Conc: 22.55 ug/ml



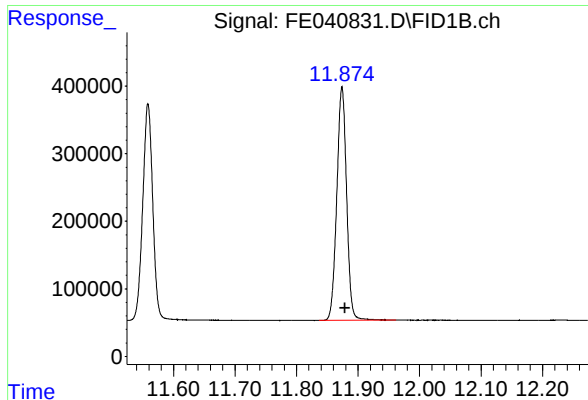
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.007 min
Response: 3584679
Conc: 22.19 ug/ml



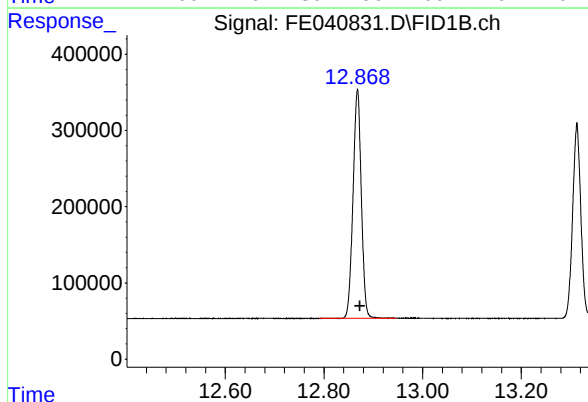
#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.005 min
Response: 3630446
Conc: 21.38 ug/ml



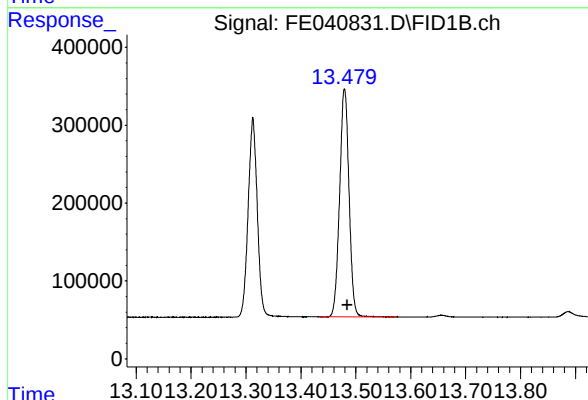
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.005 min
Response: 3818650
Conc: 20.44 ug/ml



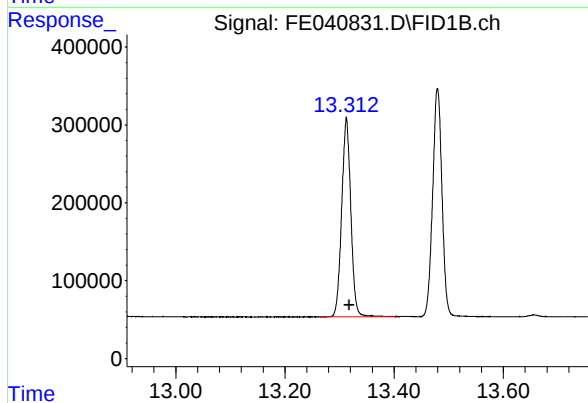
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.005 min
Response: 3502047
Conc: 20.70 ug/ml



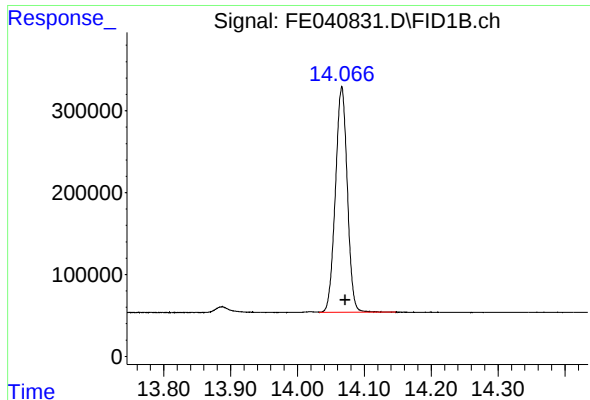
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.005 min
Response: 3480783
Conc: 20.31 ug/ml



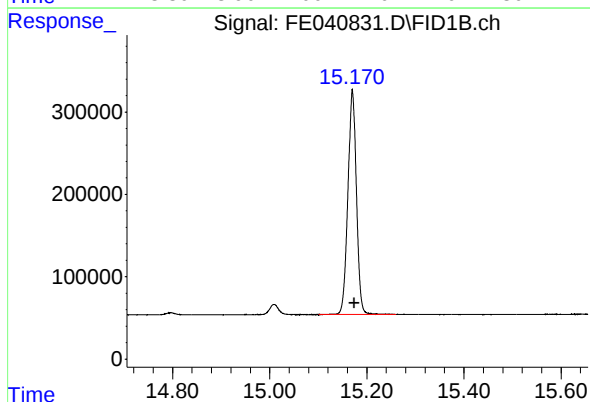
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 2965097
Conc: 20.03 ug/ml



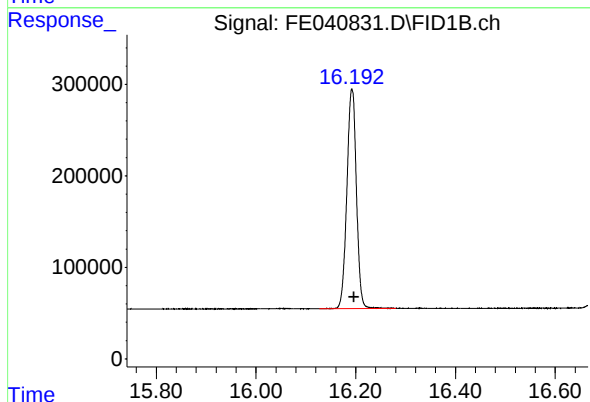
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.005 min
Response: 3411319
Conc: 19.91 ug/ml



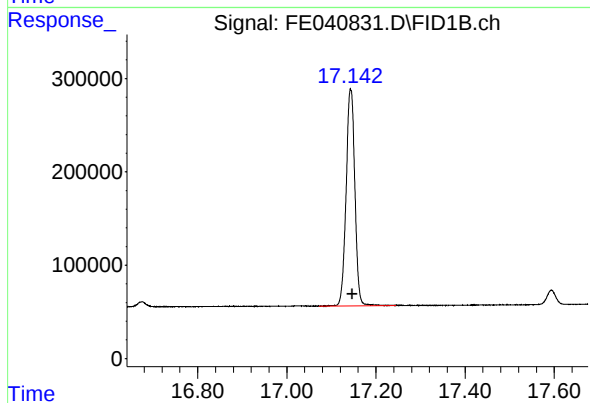
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.004 min
Response: 3327936
Conc: 19.30 ug/ml



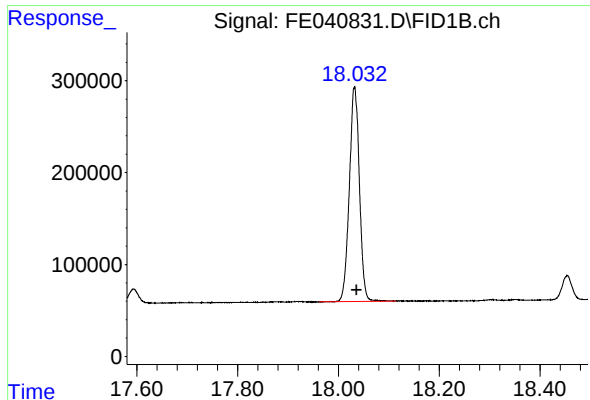
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.004 min
Response: 3183667
Conc: 18.73 ug/ml



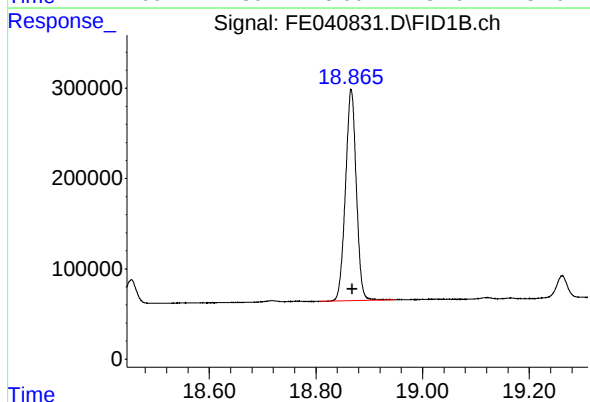
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.004 min
Response: 3162620
Conc: 18.86 ug/ml



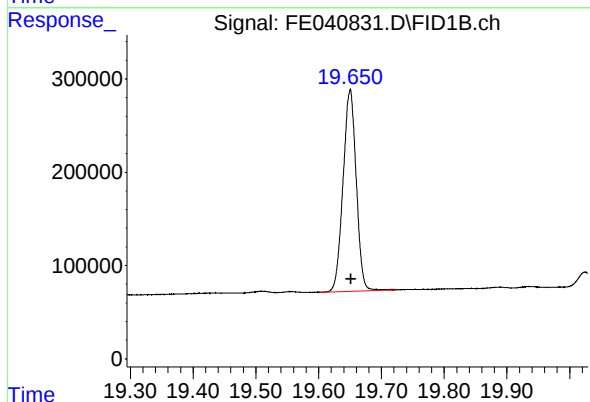
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.004 min
Response: 3245141
Conc: 19.87 ug/ml



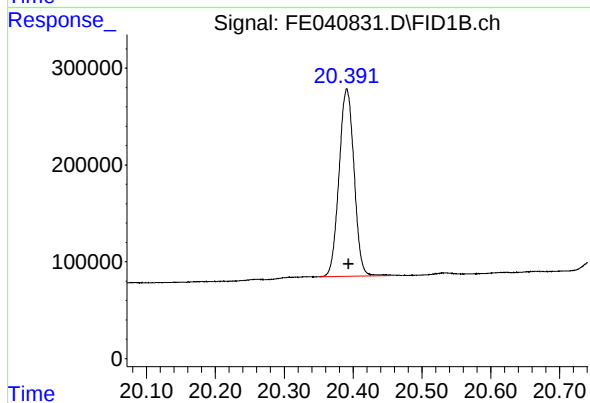
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.002 min
Response: 3295850
Conc: 19.26 ug/ml



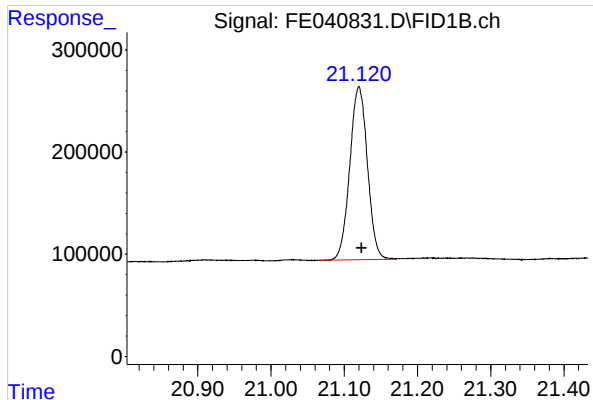
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.002 min
Response: 3149647
Conc: 20.37 ug/ml



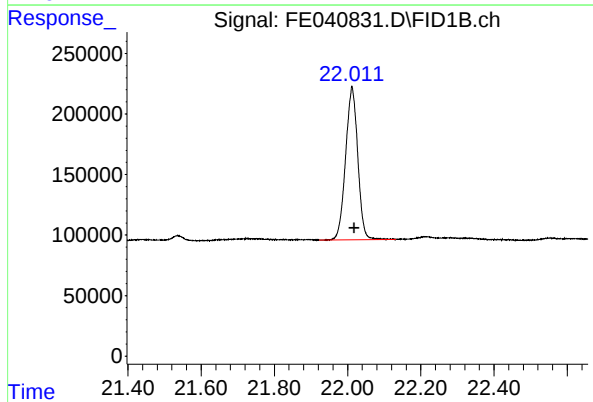
#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.002 min
Response: 2931672
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.004 min
Response: 2827446
Conc: 20.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.006 min
Response: 2910413
Conc: 18.84 ug/ml