

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101122AL\
 Data File : FE038058.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2022 13:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 12 05:10:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.599	3503777	20.257 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	13.019	2718018	20.109 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	2.997	3078615	20.903 ug/ml
2) T n-Decane (C10)	4.254	3168840	21.433 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2904470	21.210 ug/ml
4) T n-Dodecane (C12)	6.425	3290029	21.591 ug/ml
5) T A~2-methylnaphthalene...	7.069	2802850	21.089 ug/ml
6) T n-Tetradecane (C14)	8.244	3314351	21.655 ug/ml
7) T n-Hexadecane (C16)	9.841	3351228	21.455 ug/ml
8) T n-Octadecane (C18)	11.275	3379220	21.068 ug/ml
10) T n-Eicosane (C20)	12.576	3373663	20.688 ug/ml
11) T n-Heneicosane (C21)	13.184	3346872	20.313 ug/ml
13) T n-Docosane (C22)	13.767	3389705	20.592 ug/ml
14) T n-Tetracosane (C24)	14.861	3310752	20.187 ug/ml
15) T n-Hexacosane (C26)	15.877	3202921	19.642 ug/ml
16) T n-Octacosane (C28)	16.821	3140114	19.601 ug/ml
17) T n-Tricontane (C30)	17.703	3153379	19.705 ug/ml
18) T n-Dotriacontane (C32)	18.532	3087744	19.608 ug/ml
19) T n-Tetratriacontane (C34)	19.310	2849308	19.232 ug/ml
20) T n-Hexatriacontane (C36)	20.045	2743515	19.030 ug/ml
21) T n-Octatriacontane (C38)	20.742	2528705	18.634 ug/ml
22) T n-Tetracontane (C40)	21.506	2511279	19.728 ug/ml

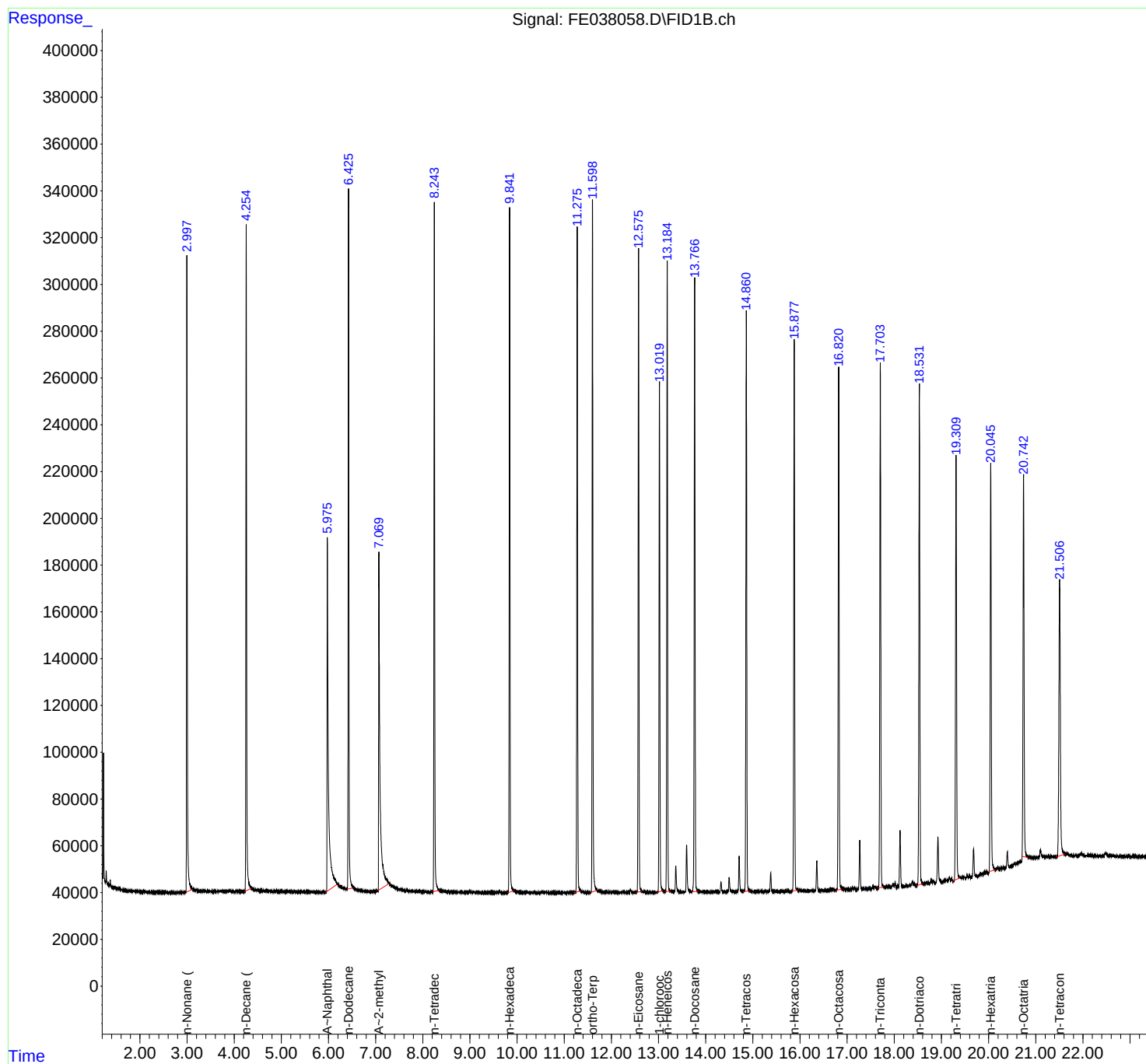
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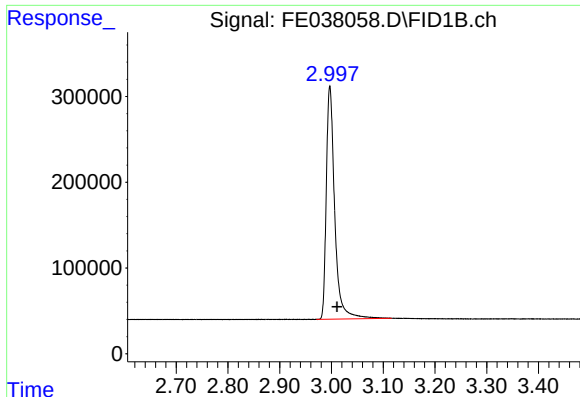
(m)=manual int.

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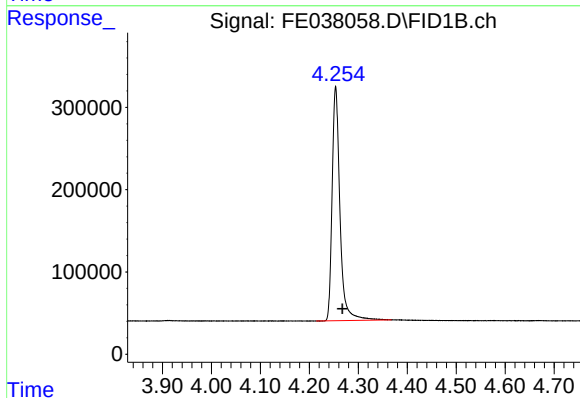
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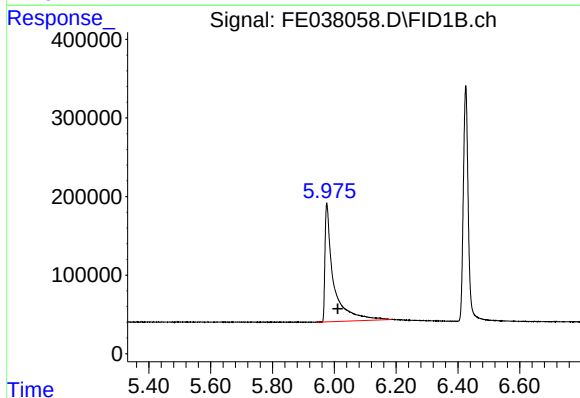
#1 n-Nonane (C9)

R.T.: 2.997 min
Delta R.T.: -0.014 min
Response: 3078615
Conc: 20.90 ug/ml



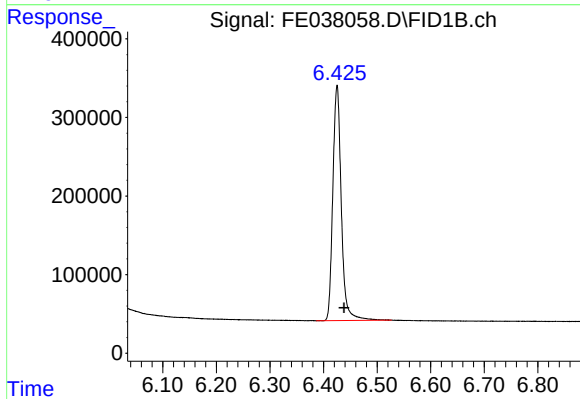
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: -0.014 min
Response: 3168840
Conc: 21.43 ug/ml



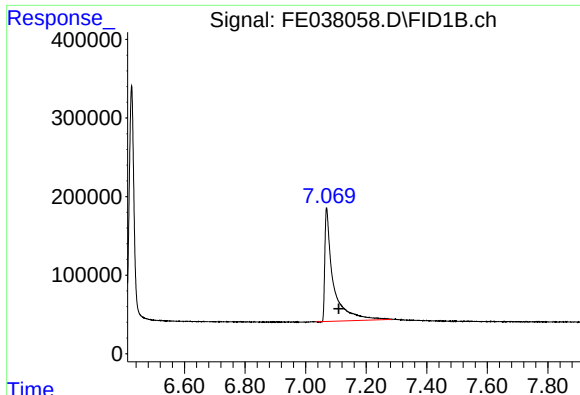
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.035 min
Response: 2904470
Conc: 21.21 ug/ml



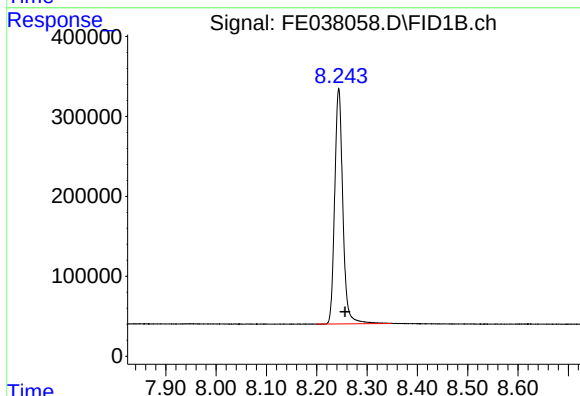
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.013 min
Response: 3290029
Conc: 21.59 ug/ml



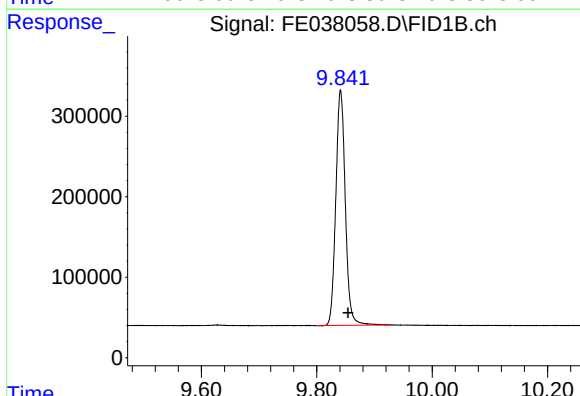
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.040 min
Response: 2802850
Conc: 21.09 ug/ml



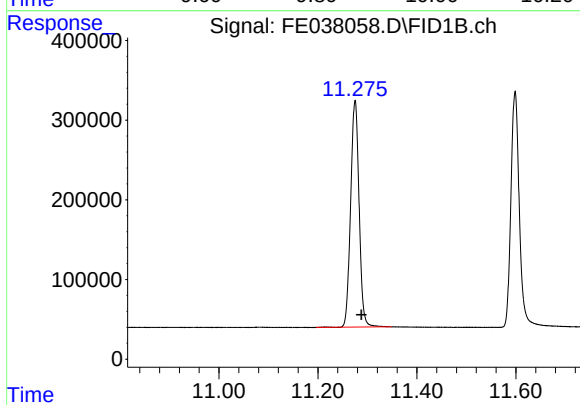
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.012 min
Response: 3314351
Conc: 21.66 ug/ml



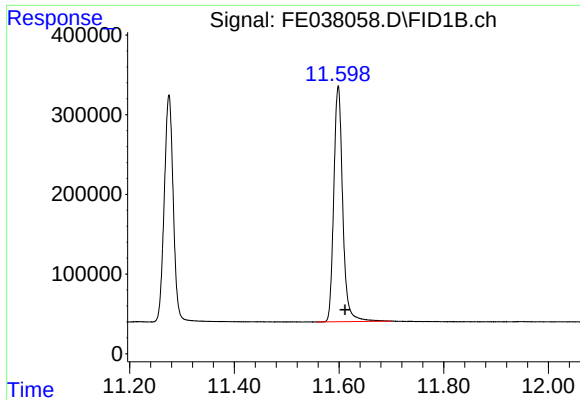
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 3351228
Conc: 21.45 ug/ml



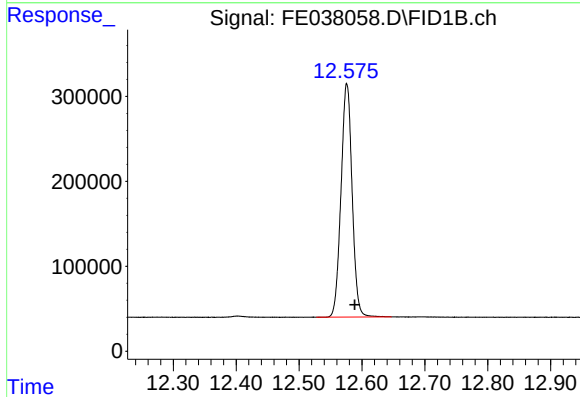
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 3379220
Conc: 21.07 ug/ml



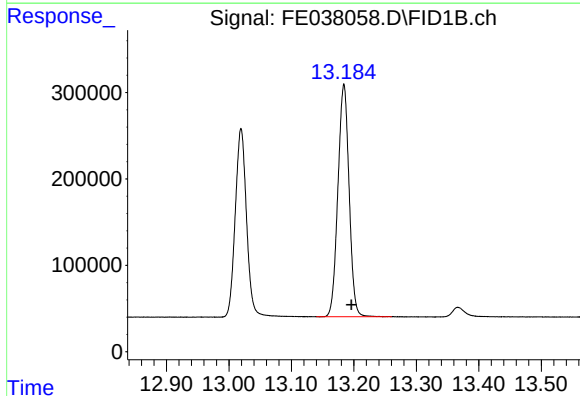
#9 ortho-Terphenyl (SURR)

R.T.: 11.599 min
Delta R.T.: -0.013 min
Response: 3503777
Conc: 20.26 ug/ml



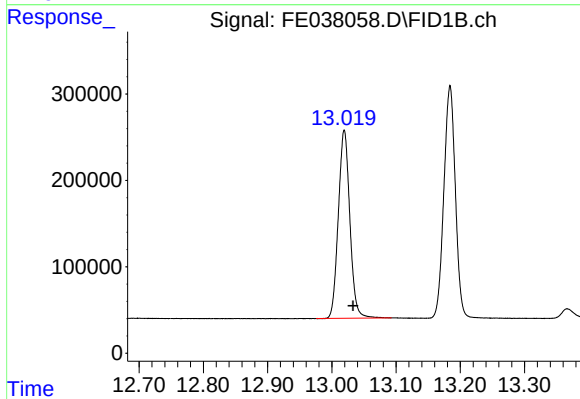
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.013 min
Response: 3373663
Conc: 20.69 ug/ml



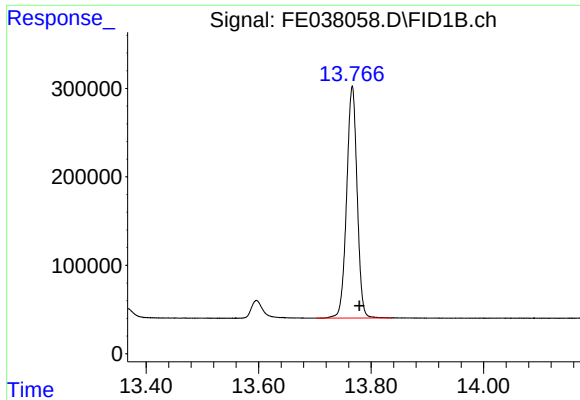
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.012 min
Response: 3346872
Conc: 20.31 ug/ml



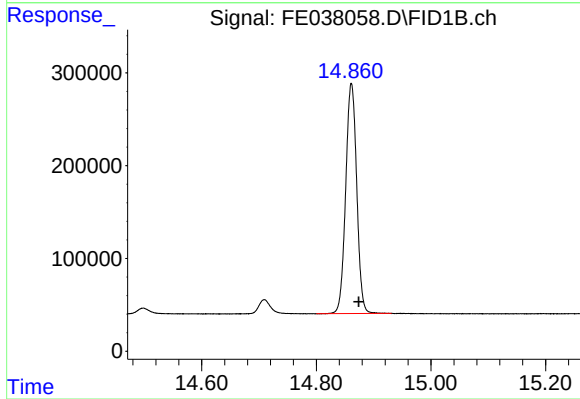
#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: -0.014 min
Response: 2718018
Conc: 20.11 ug/ml



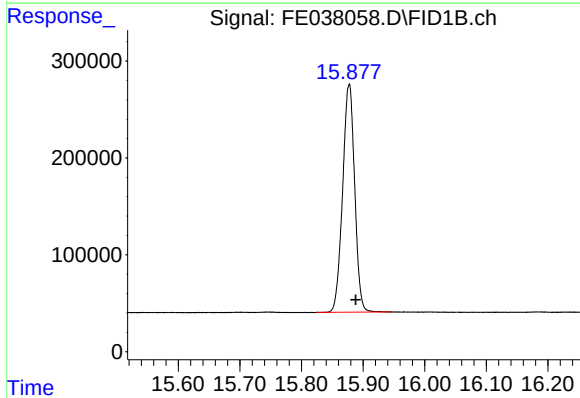
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.013 min
Response: 3389705
Conc: 20.59 ug/ml



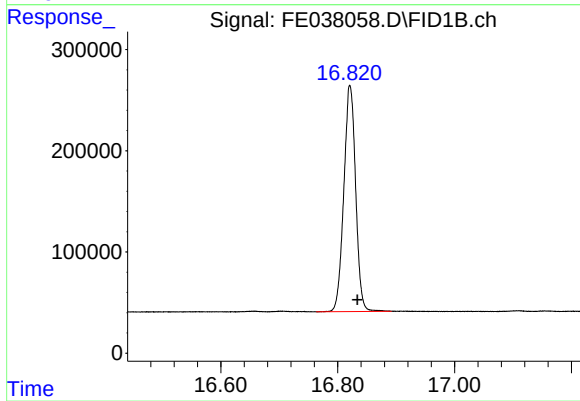
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.013 min
Response: 3310752
Conc: 20.19 ug/ml



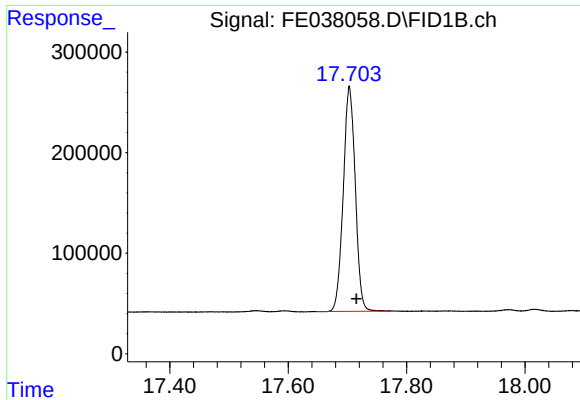
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.010 min
Response: 3202921
Conc: 19.64 ug/ml



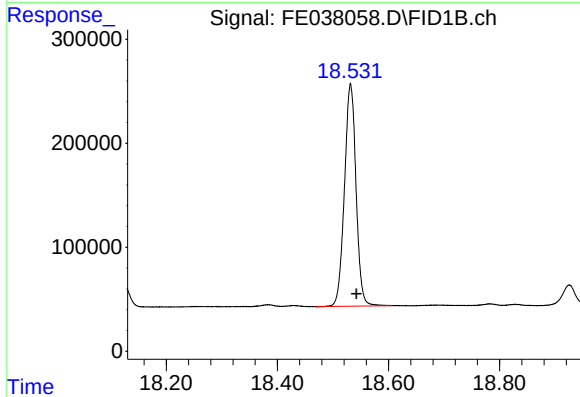
#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.013 min
Response: 3140114
Conc: 19.60 ug/ml



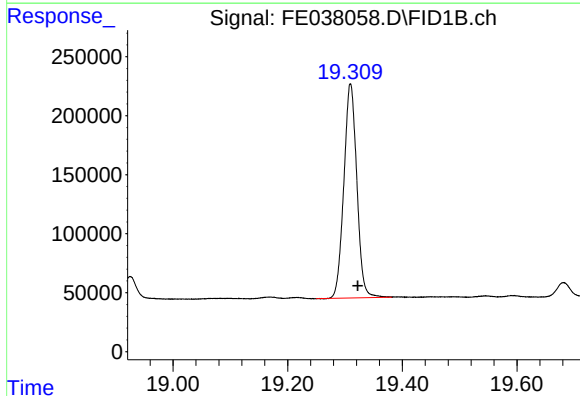
#17 n-Tricontane (C30)

R.T.: 17.703 min
Delta R.T.: -0.012 min
Response: 3153379
Conc: 19.71 ug/ml



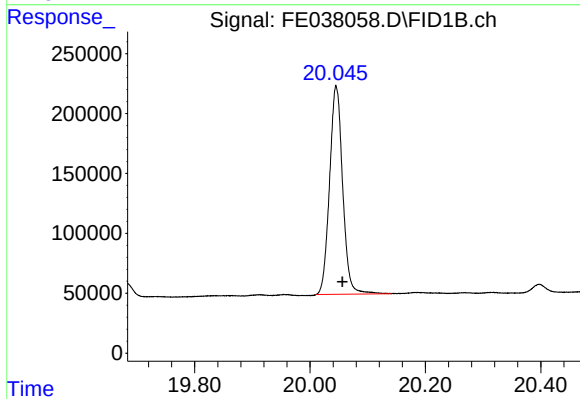
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.011 min
Response: 3087744
Conc: 19.61 ug/ml



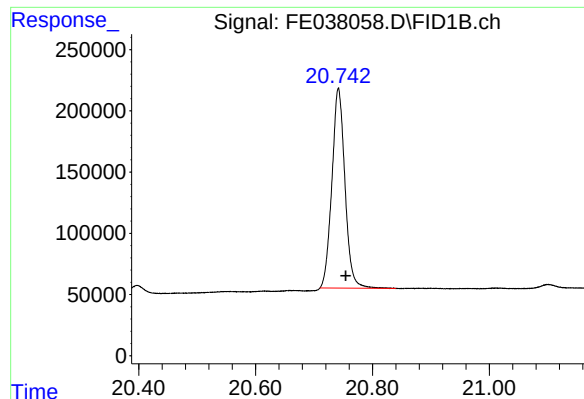
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.013 min
Response: 2849308
Conc: 19.23 ug/ml



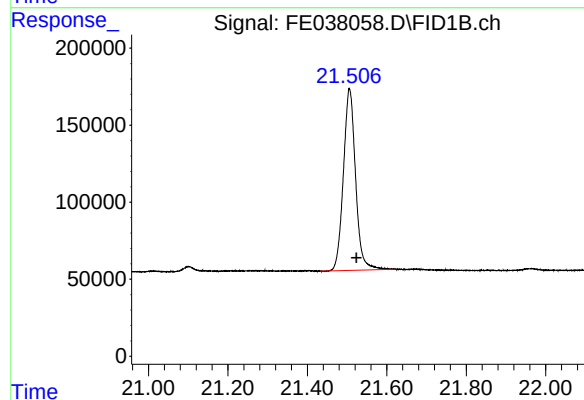
#20 n-Hexatriacontane (C36)

R.T.: 20.045 min
Delta R.T.: -0.011 min
Response: 2743515
Conc: 19.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: -0.013 min
Response: 2528705
Conc: 18.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.017 min
Response: 2511279
Conc: 19.73 ug/ml