

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101623AL\
 Data File : FE044862.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2023 12:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 01:13:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.909	3662621	18.271 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	13.351	2644614	17.871 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
Target Compounds			
1) T n-Nonane (C9)	3.290	3124257	18.624 ug/ml
2) T n-Decane (C10)	4.542	3177139	18.651 ug/ml
3) T A~Naphthalene (C11.7)	6.244	3416205	18.454 ug/ml
4) T n-Dodecane (C12)	6.708	3194039	18.503 ug/ml
5) T A~2-methylnaphthalene...	7.340	3288198	18.228 ug/ml
6) T n-Tetradecane (C14)	8.536	3146943	18.352 ug/ml
7) T n-Hexadecane (C16)	10.147	3194594	18.268 ug/ml
8) T n-Octadecane (C18)	11.593	3185173	18.262 ug/ml
10) T n-Eicosane (C20)	12.906	3052109	18.273 ug/ml
11) T n-Heneicosane (C21)	13.519	2957578	18.143 ug/ml
13) T n-Docosane (C22)	14.107	2954780	18.473 ug/ml
14) T n-Tetracosane (C24)	15.212	2980412	19.204 ug/ml
15) T n-Hexacosane (C26)	16.235	2938688	19.574 ug/ml
16) T n-Octacosane (C28)	17.187	2966927	20.205 ug/ml
17) T n-Tricontane (C30)	18.076	3025135	20.340 ug/ml
18) T n-Dotriacontane (C32)	18.910	3179920	21.186 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2902992	19.501 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2927308	19.041 ug/ml
21) T n-Octatriacontane (C38)	21.179	2974861	19.044 ug/mlm
22) T n-Tetracontane (C40)	22.098	3132925	18.746 ug/mlm

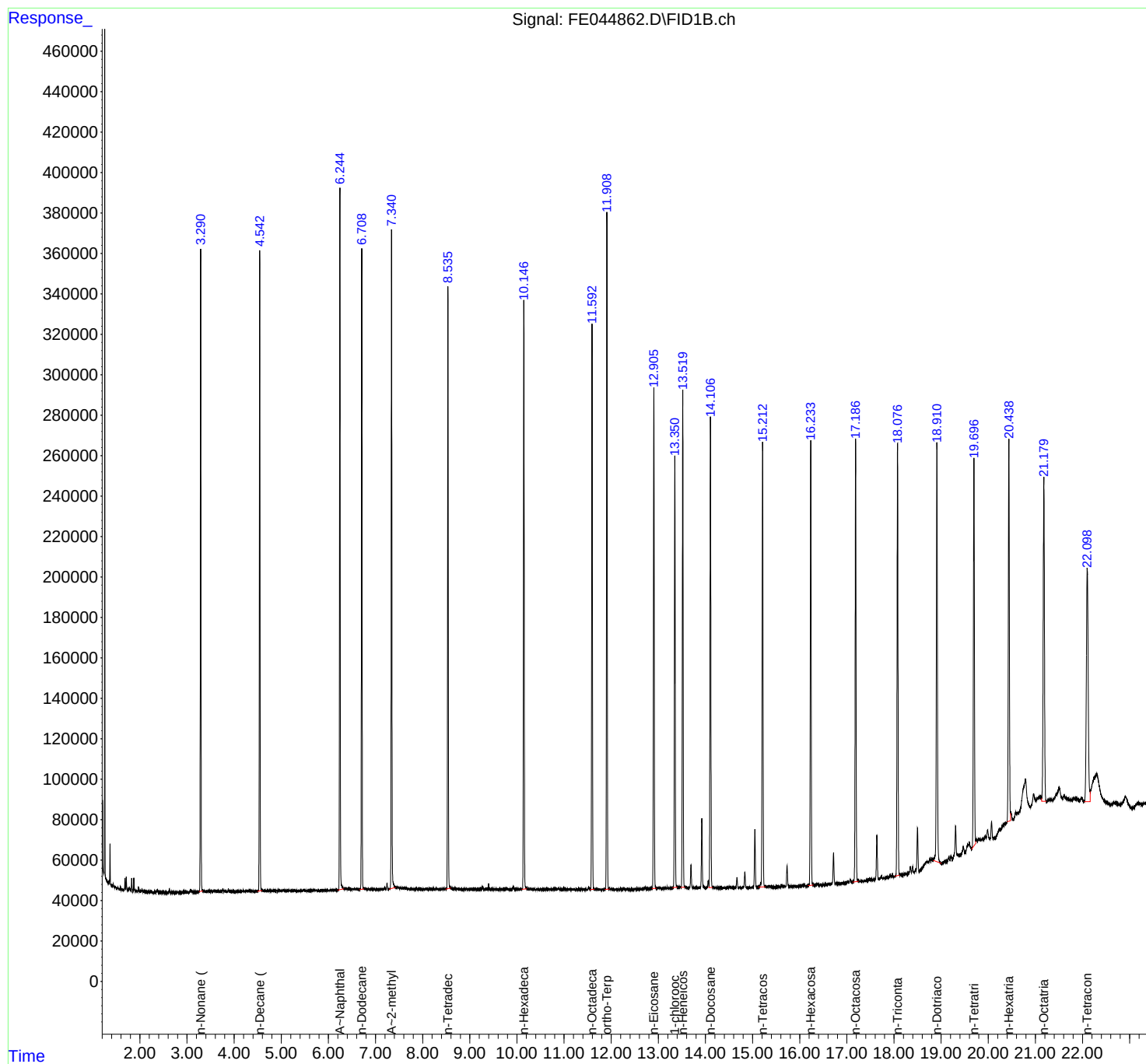
(f)=RT Delta > 1/2 Window

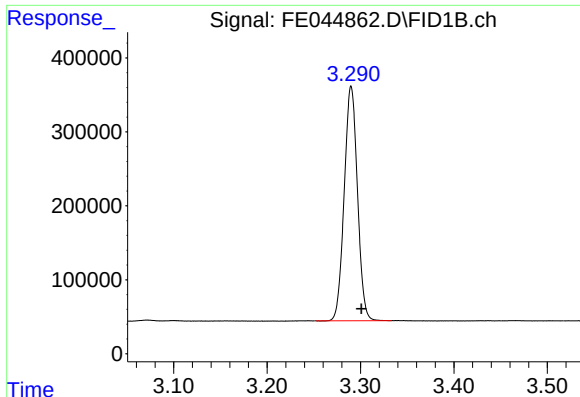
(m)=manual int.

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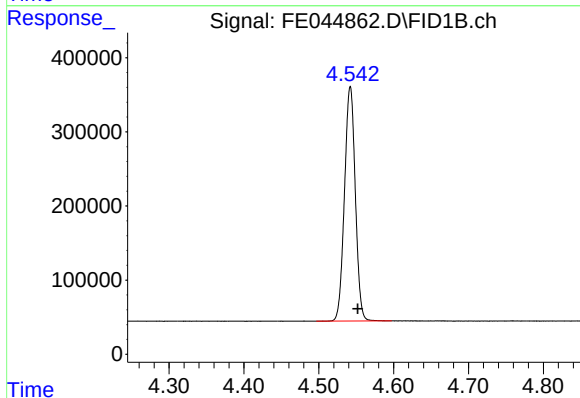
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





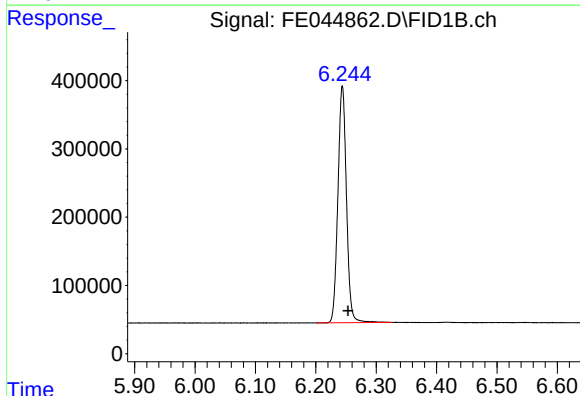
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 3124257
Conc: 18.62 ug/ml



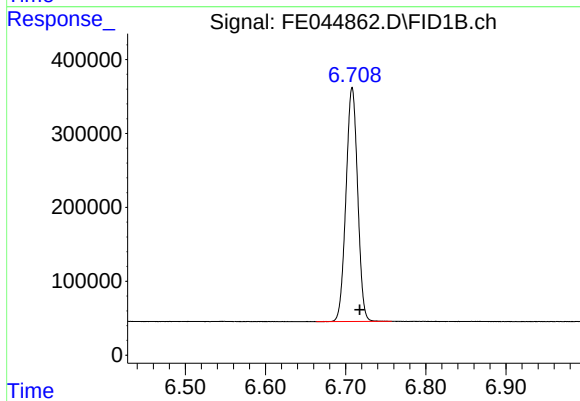
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 3177139
Conc: 18.65 ug/ml



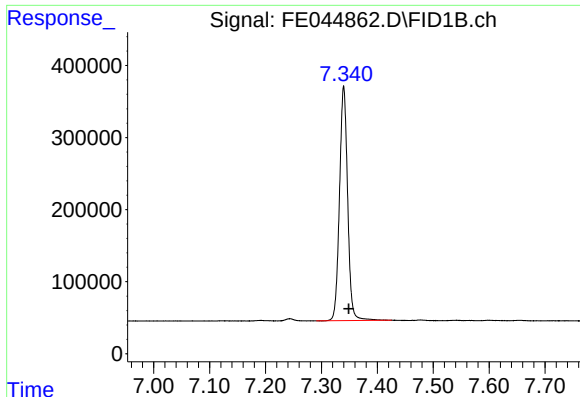
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.009 min
Response: 3416205
Conc: 18.45 ug/ml



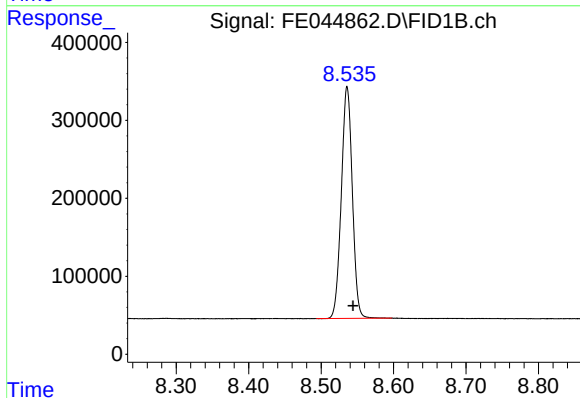
#4 n-Dodecane (C12)

R.T.: 6.708 min
Delta R.T.: -0.009 min
Response: 3194039
Conc: 18.50 ug/ml



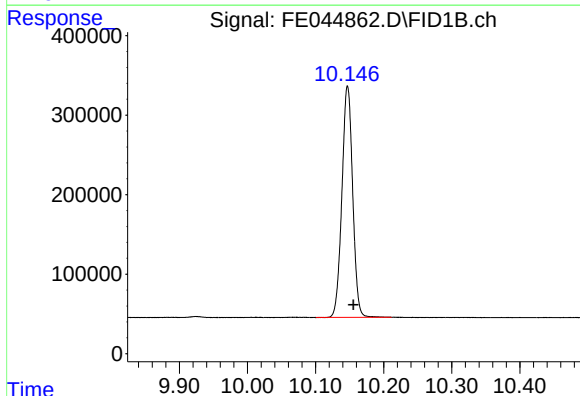
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 3288198
Conc: 18.23 ug/ml



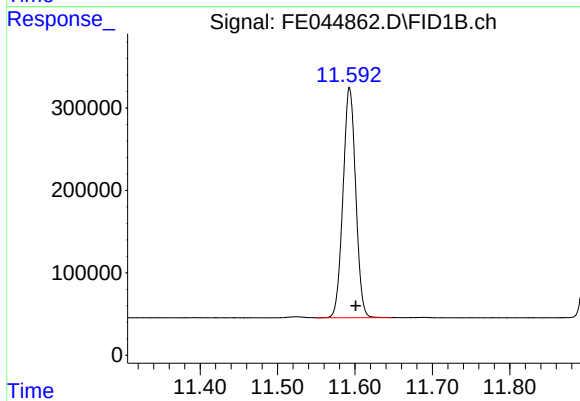
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.008 min
Response: 3146943
Conc: 18.35 ug/ml



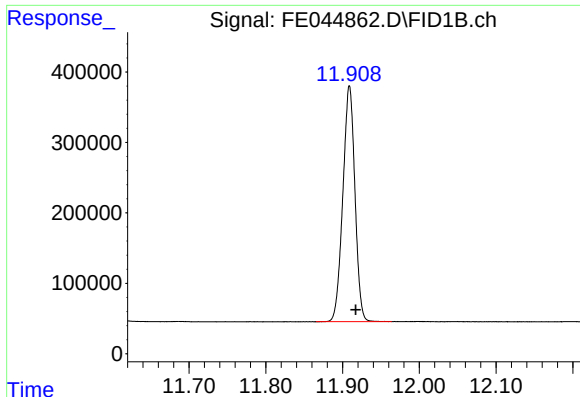
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.008 min
Response: 3194594
Conc: 18.27 ug/ml



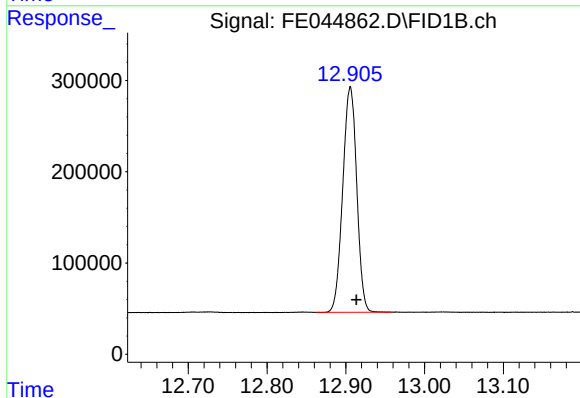
#8 n-Octadecane (C18)

R.T.: 11.593 min
Delta R.T.: -0.008 min
Response: 3185173
Conc: 18.26 ug/ml



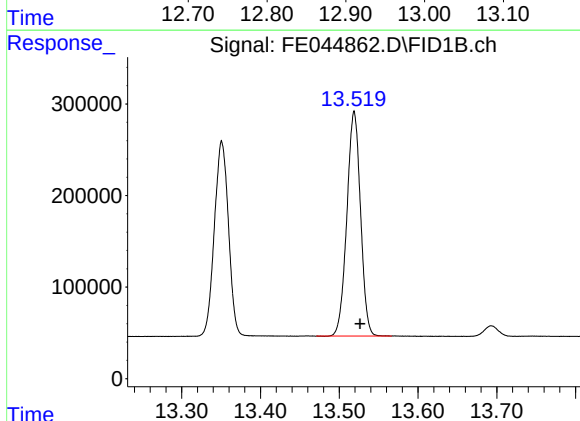
#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.008 min
Response: 3662621
Conc: 18.27 ug/ml



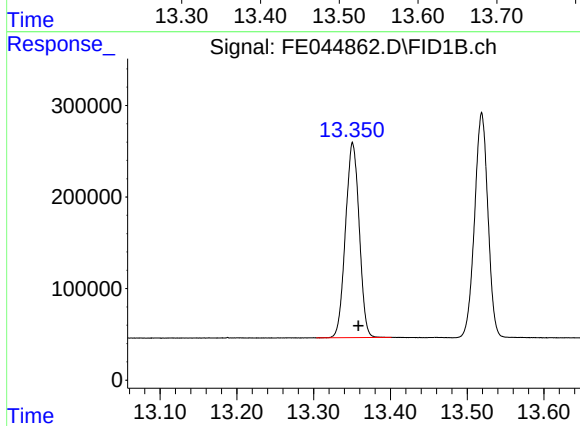
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.008 min
Response: 3052109
Conc: 18.27 ug/ml



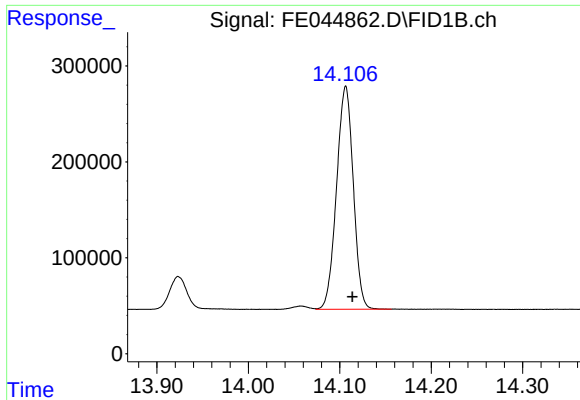
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.008 min
Response: 2957578
Conc: 18.14 ug/ml



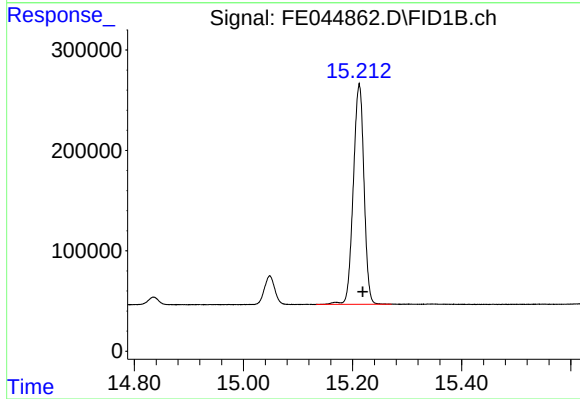
#12 1-chlorooctadecane (SURR)

R.T.: 13.351 min
Delta R.T.: -0.007 min
Response: 2644614
Conc: 17.87 ug/ml



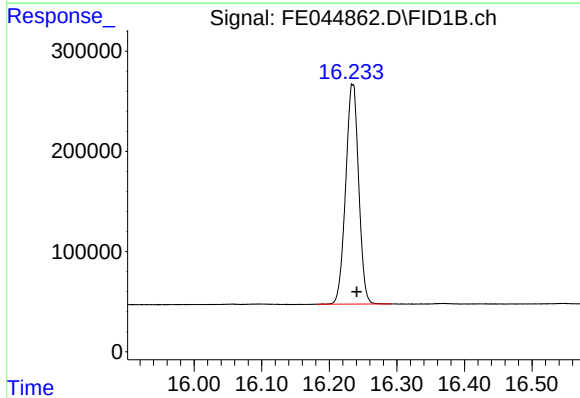
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.007 min
Response: 2954780
Conc: 18.47 ug/ml



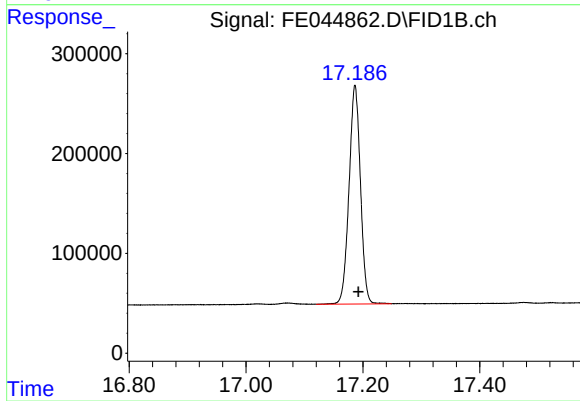
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.006 min
Response: 2980412
Conc: 19.20 ug/ml



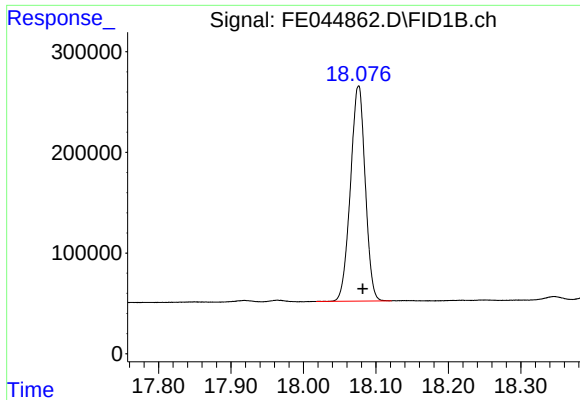
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.006 min
Response: 2938688
Conc: 19.57 ug/ml



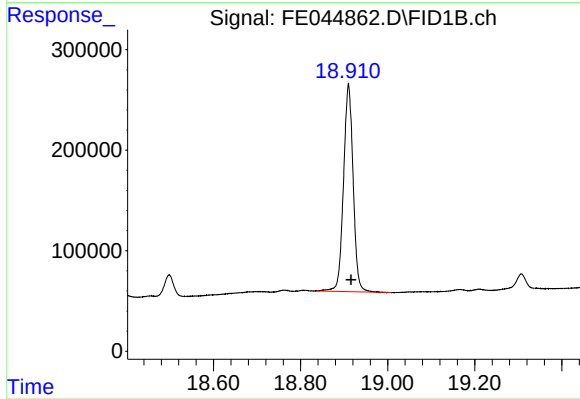
#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: -0.006 min
Response: 2966927
Conc: 20.20 ug/ml



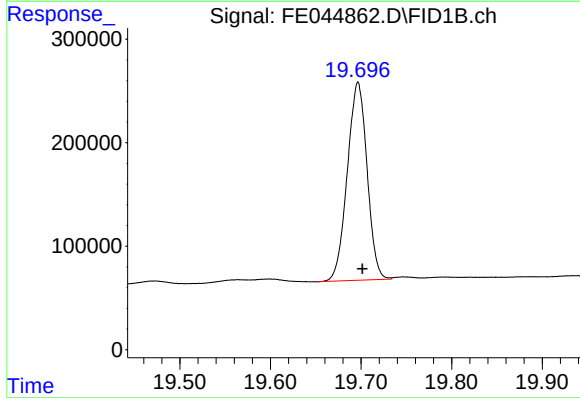
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.006 min
Response: 3025135
Conc: 20.34 ug/ml



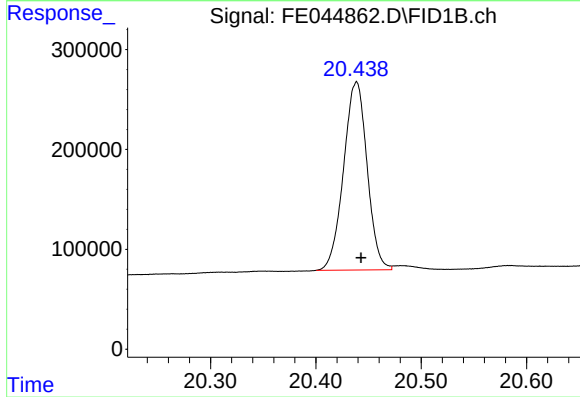
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.006 min
Response: 3179920
Conc: 21.19 ug/ml



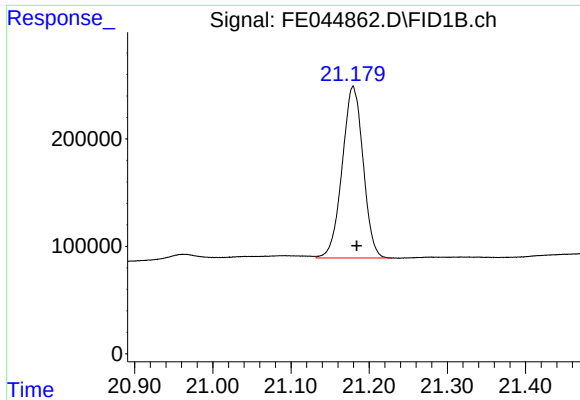
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.005 min
Response: 2902992
Conc: 19.50 ug/ml



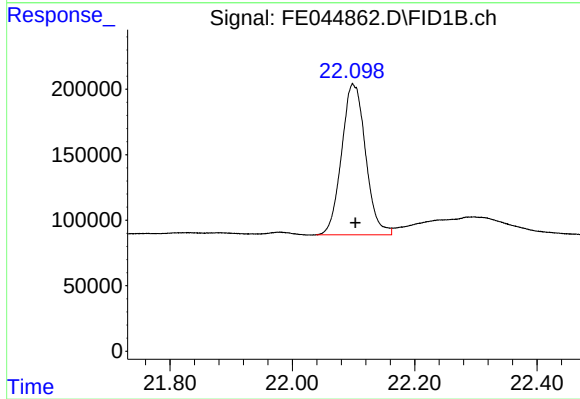
#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.004 min
Response: 2927308
Conc: 19.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.005 min
Response: 2974861
Conc: 19.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.005 min
Response: 3132925
Conc: 18.75 ug/ml m