

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031323AL\
 Data File : FE040762.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2023 12:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:40:00 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)	11.881	3676917	19.682 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	13.320	2859652	19.321 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.275	3186164	20.706 ug/ml
2) T n-Decane (C10)	4.523	3177897	21.123 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3481265	20.988 ug/ml
4) T n-Dodecane (C12)	6.687	3232443	21.115 ug/ml
5) T A~2-methylnaphthalene...	7.321	3245185	21.442 ug/ml
6) T n-Tetradecane (C14)	8.514	3285555	21.258 ug/ml
7) T n-Hexadecane (C16)	10.122	3409501	21.109 ug/ml
8) T n-Octadecane (C18)	11.565	3469966	20.436 ug/ml
10) T n-Eicosane (C20)	12.875	3386918	20.021 ug/ml
11) T n-Heneicosane (C21)	13.488	3361942	19.619 ug/ml
13) T n-Docosane (C22)	14.075	3379339	19.726 ug/ml
14) T n-Tetracosane (C24)	15.178	3423393	19.858 ug/ml
15) T n-Hexacosane (C26)	16.201	3391857	19.957 ug/ml
16) T n-Octacosane (C28)	17.154	3483951	20.774 ug/ml
17) T n-Tricontane (C30)	18.041	3659578	22.412 ug/ml
18) T n-Dotriacontane (C32)	18.875	3635834	21.244 ug/ml
19) T n-Tetratriacontane (C34)	19.660	3316910	21.454 ug/ml
20) T n-Hexatriacontane (C36)	20.403	2894779	19.926 ug/ml
21) T n-Octatriacontane (C38)	21.134	2762431	20.097 ug/ml
22) T n-Tetracontane (C40)	22.030	2691248	17.417 ug/ml

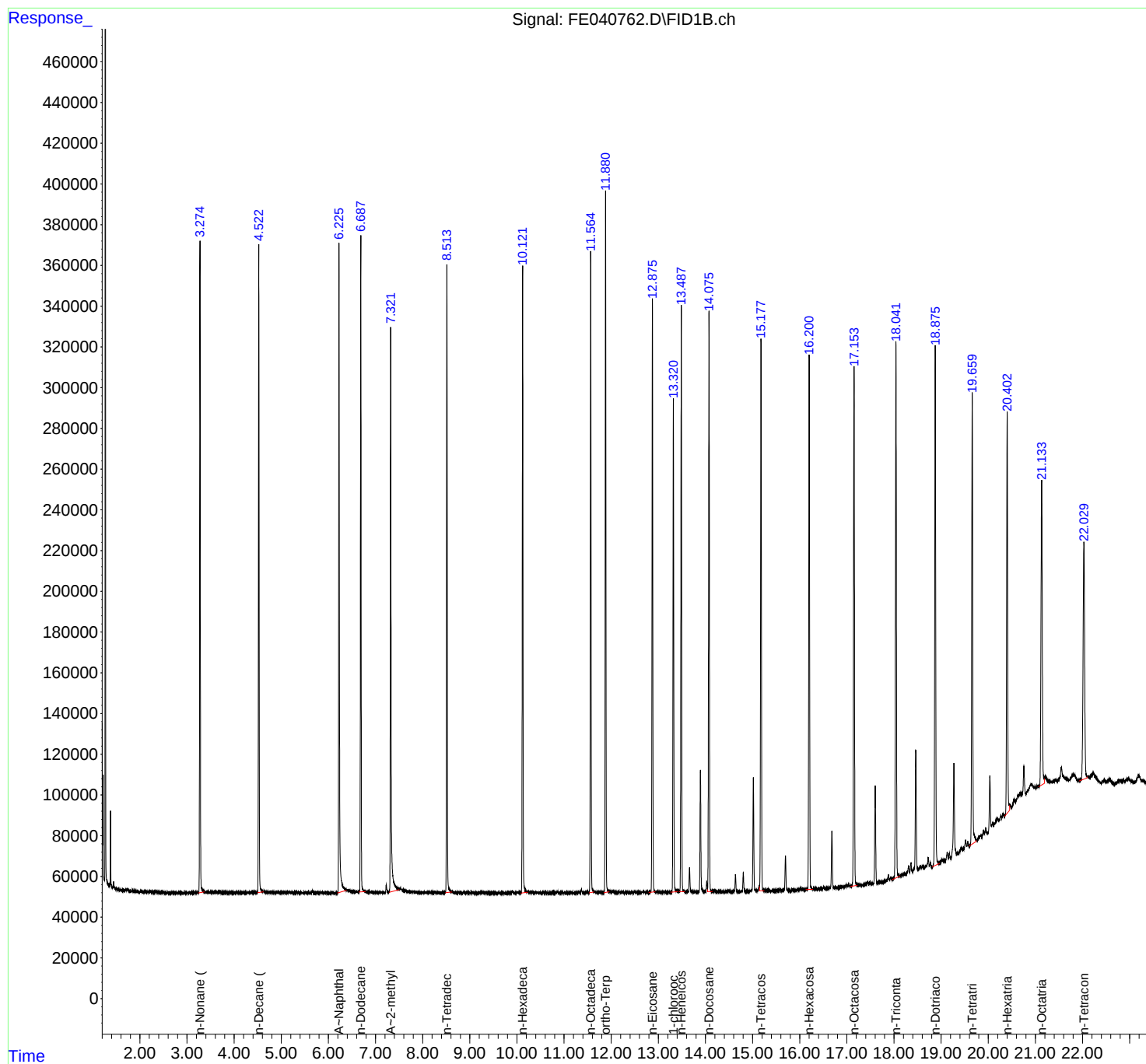
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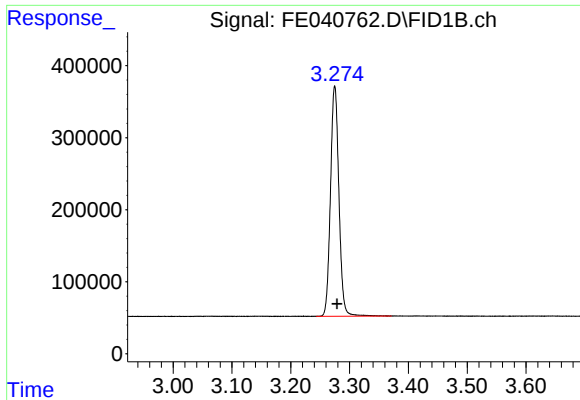
(m)=manual int.

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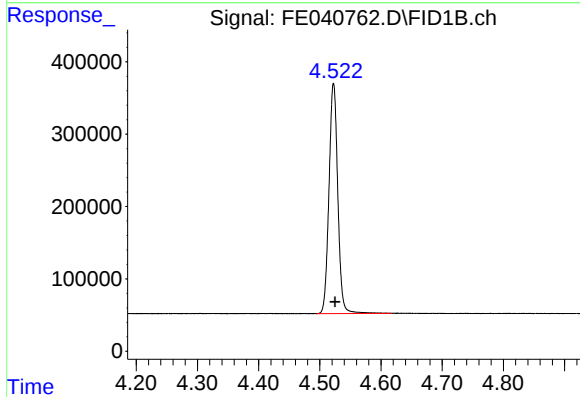
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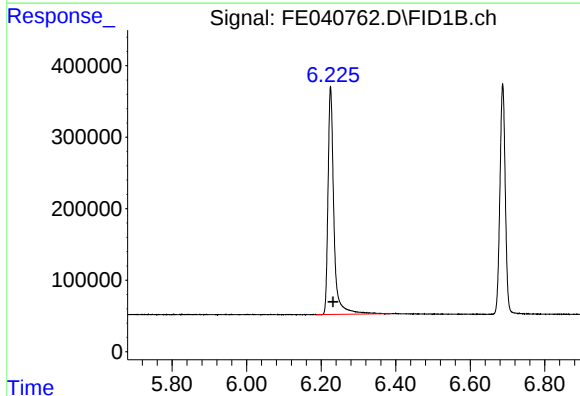
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 3186164
Conc: 20.71 ug/ml



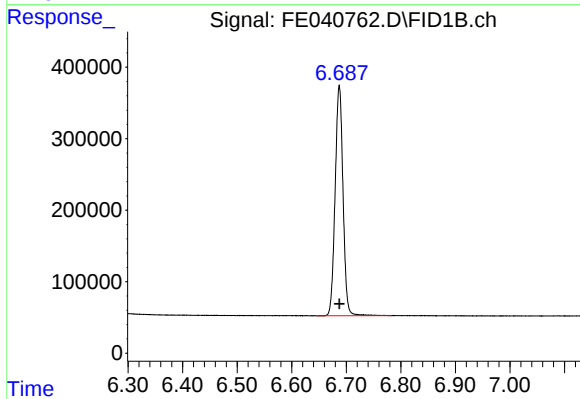
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 3177897
Conc: 21.12 ug/ml



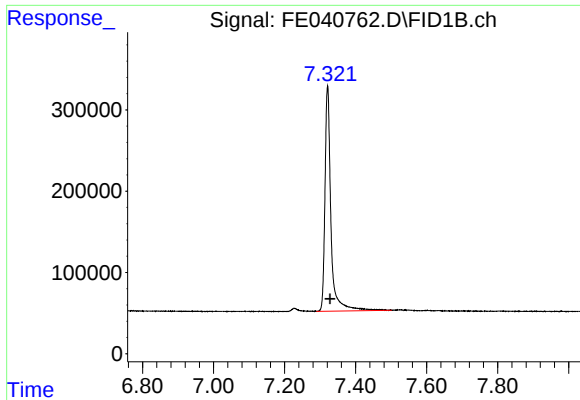
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.006 min
Response: 3481265
Conc: 20.99 ug/ml



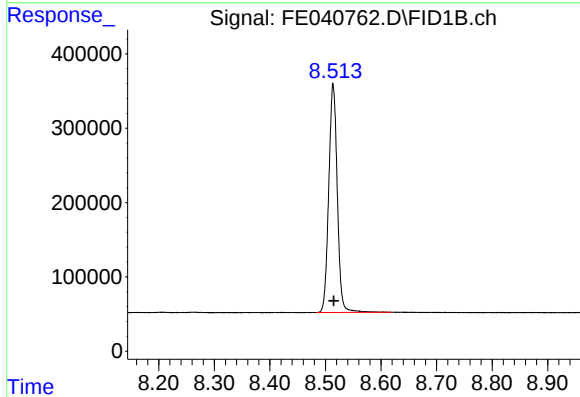
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 3232443
Conc: 21.11 ug/ml



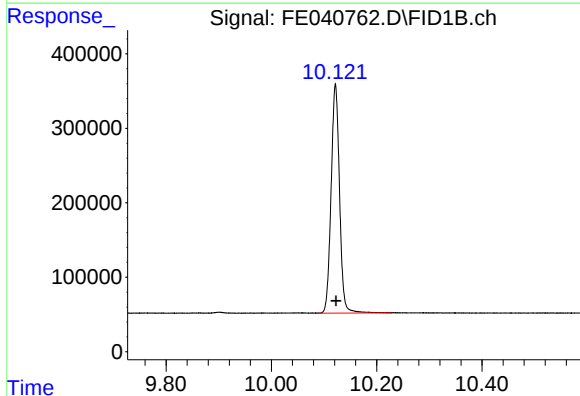
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.321 min
Delta R.T.: -0.007 min
Response: 3245185
Conc: 21.44 ug/ml



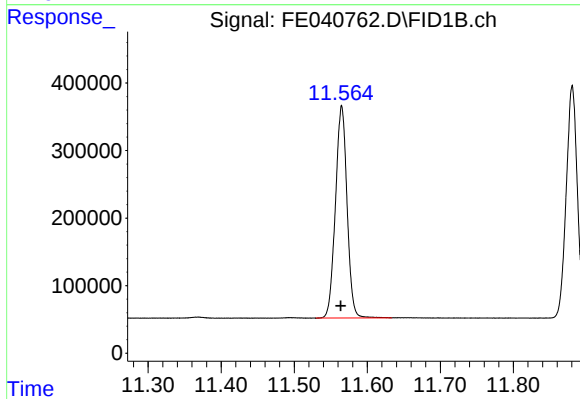
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.001 min
Response: 3285555
Conc: 21.26 ug/ml



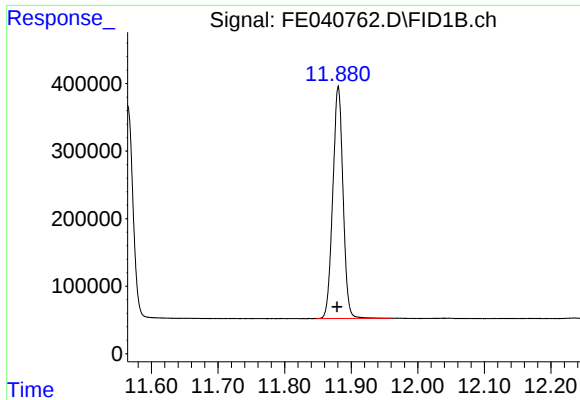
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 3409501
Conc: 21.11 ug/ml



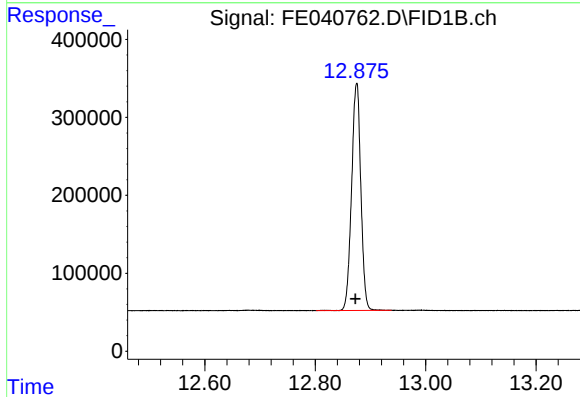
#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: 0.002 min
Response: 3469966
Conc: 20.44 ug/ml



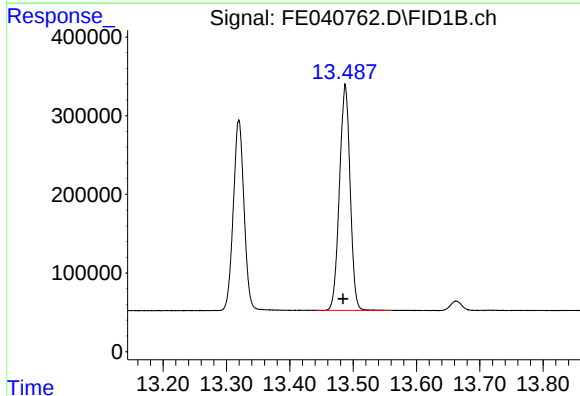
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: 0.002 min
Response: 3676917
Conc: 19.68 ug/ml



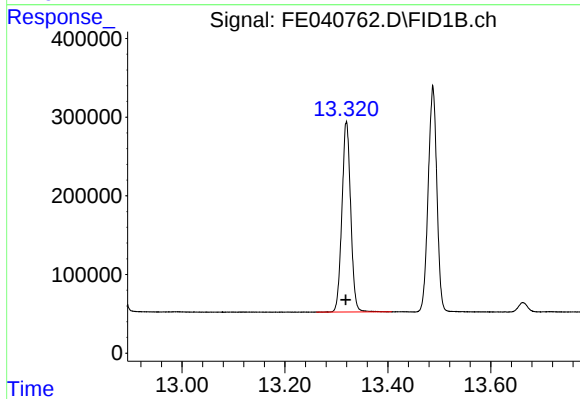
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 3386918
Conc: 20.02 ug/ml



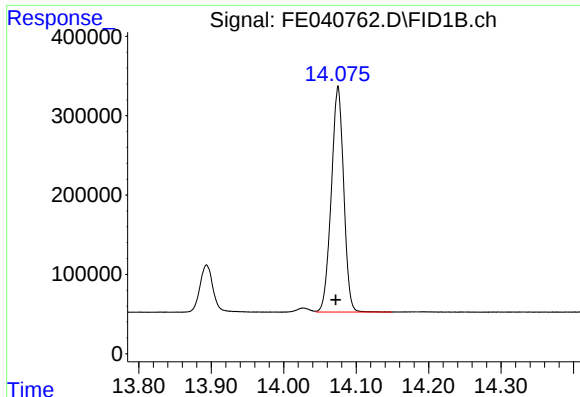
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.003 min
Response: 3361942
Conc: 19.62 ug/ml



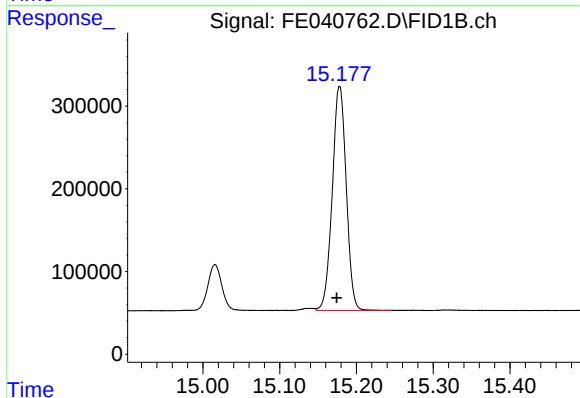
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.001 min
Response: 2859652
Conc: 19.32 ug/ml



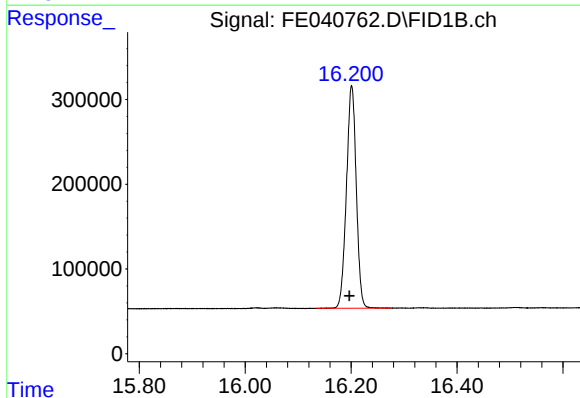
#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: 0.003 min
Response: 3379339
Conc: 19.73 ug/ml



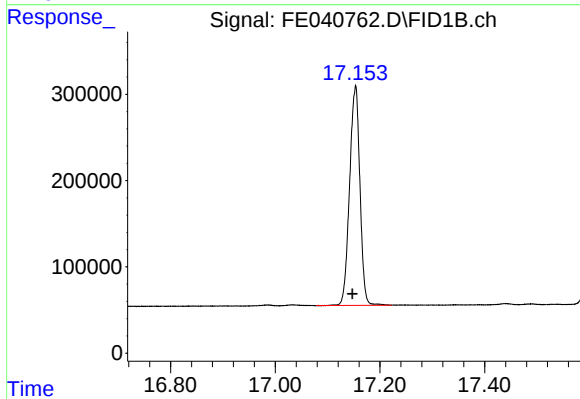
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: 0.004 min
Response: 3423393
Conc: 19.86 ug/ml



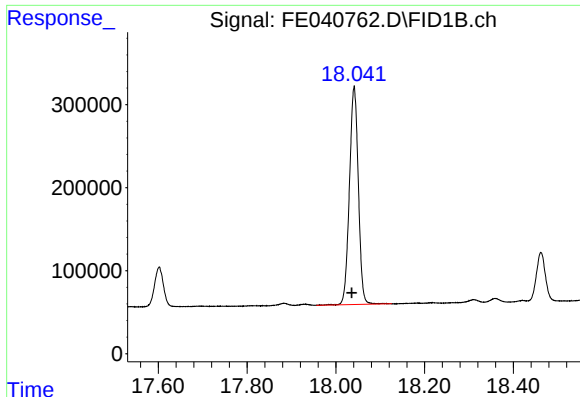
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 3391857
Conc: 19.96 ug/ml



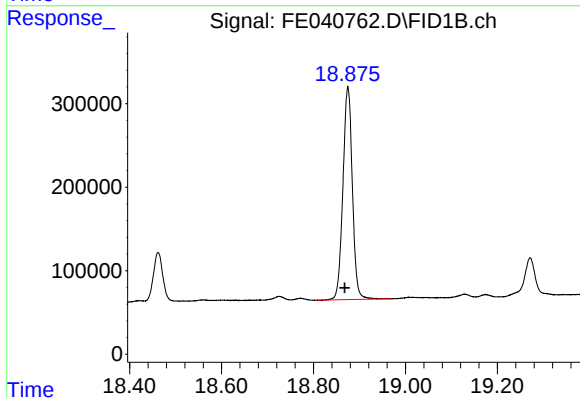
#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: 0.006 min
Response: 3483951
Conc: 20.77 ug/ml



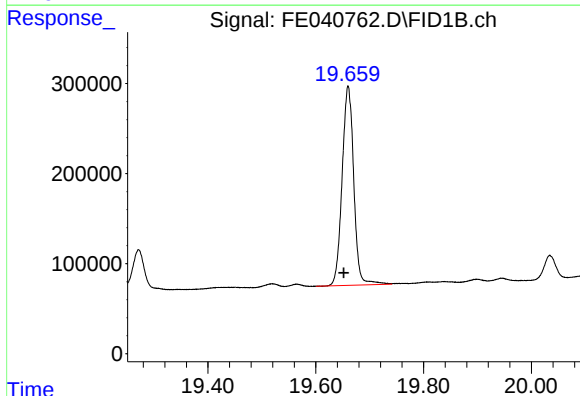
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 3659578
Conc: 22.41 ug/ml



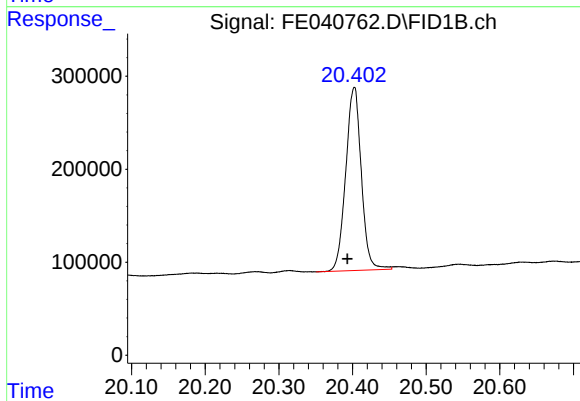
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: 0.007 min
Response: 3635834
Conc: 21.24 ug/ml



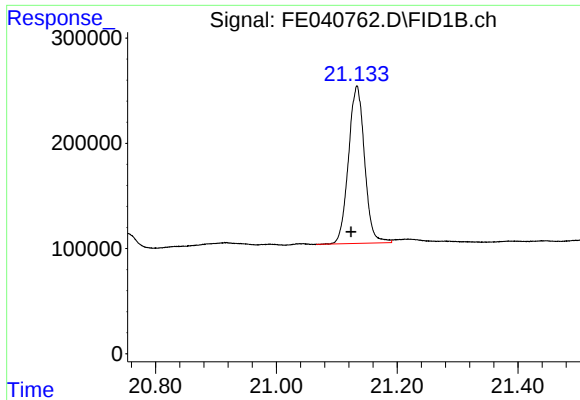
#19 n-Tetratriacontane (C34)

R.T.: 19.660 min
Delta R.T.: 0.008 min
Response: 3316910
Conc: 21.45 ug/ml



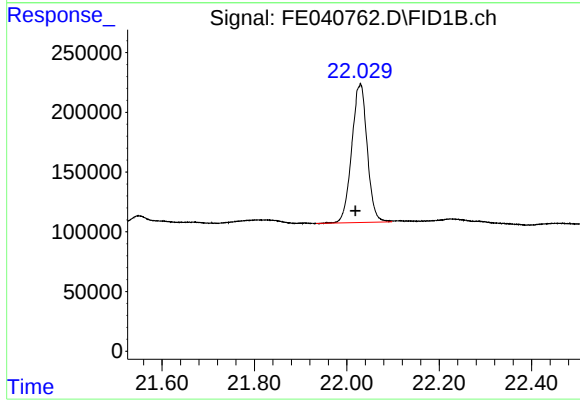
#20 n-Hexatriacontane (C36)

R.T.: 20.403 min
Delta R.T.: 0.009 min
Response: 2894779
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: 0.010 min
Response: 2762431
Conc: 20.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.030 min
Delta R.T.: 0.011 min
Response: 2691248
Conc: 17.42 ug/ml