

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021523AL\
 Data File : FE040376.D
 Signal(s) : FID1B.ch
 Acq On : 15 Feb 2023 20:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 01:37:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.891	3802808	23.494 ug/ml
Spiked Amount 50.000		Recovery =	46.99%
12) S 1-chlorooctadecane (S...	13.329	2860489	23.064 ug/ml
Spiked Amount 50.000		Recovery =	46.13%
Target Compounds			
1) T n-Nonane (C9)	3.285	3260915	23.959 ug/ml
2) T n-Decane (C10)	4.534	3187994	23.994 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3525712	24.091 ug/ml
4) T n-Dodecane (C12)	6.698	3231268	24.000 ug/ml
5) T A~2-methylnaphthalene...	7.332	3264482	24.118 ug/ml
6) T n-Tetradecane (C14)	8.525	3277780	23.784 ug/ml
7) T n-Hexadecane (C16)	10.132	3391727	23.633 ug/ml
8) T n-Octadecane (C18)	11.575	3484567	23.425 ug/ml
10) T n-Eicosane (C20)	12.885	3411762	23.206 ug/ml
11) T n-Heneicosane (C21)	13.497	3431888	23.268 ug/ml
13) T n-Docosane (C22)	14.083	3378886	22.804 ug/ml
14) T n-Tetracosane (C24)	15.187	3333582	21.960 ug/ml
15) T n-Hexacosane (C26)	16.209	3215499	21.690 ug/ml
16) T n-Octacosane (C28)	17.160	3107856	20.738 ug/ml
17) T n-Tricontane (C30)	18.047	3004525	20.363 ug/ml
18) T n-Dotriacontane (C32)	18.881	2957693	20.195 ug/ml
19) T n-Tetratriacontane (C34)	19.666	2896376	21.058 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2761508	20.819 ug/ml
21) T n-Octatriacontane (C38)	21.139	2755193	21.238 ug/ml
22) T n-Tetracontane (C40)	22.035	2751620	20.725 ug/ml

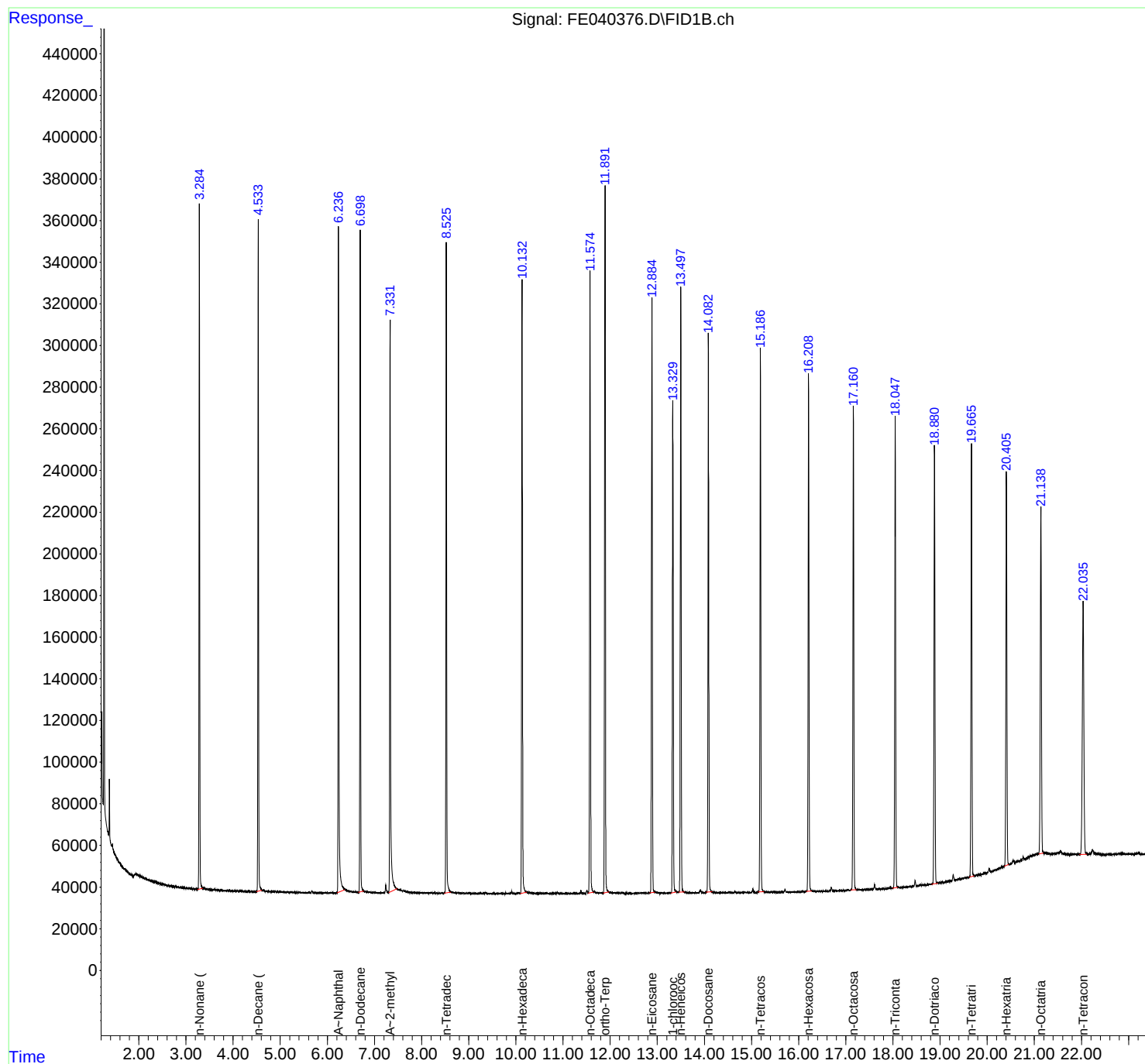
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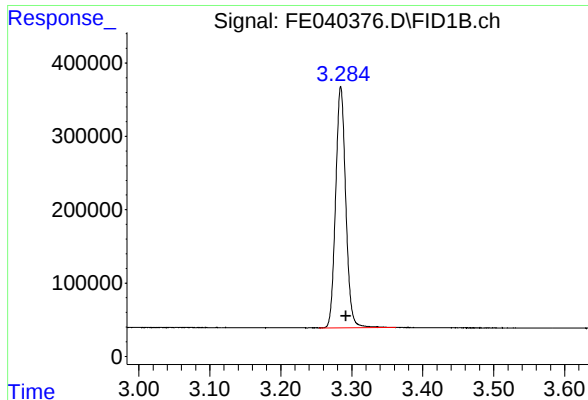
(m)=manual int.

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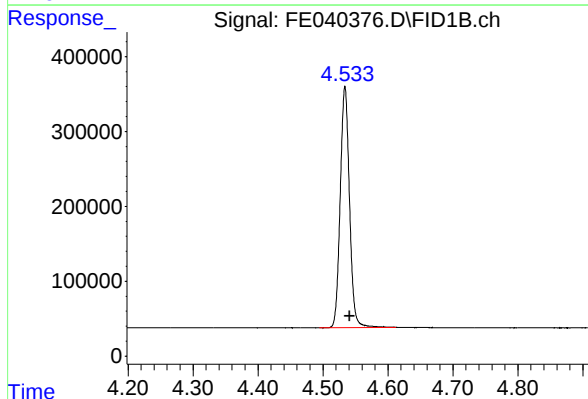
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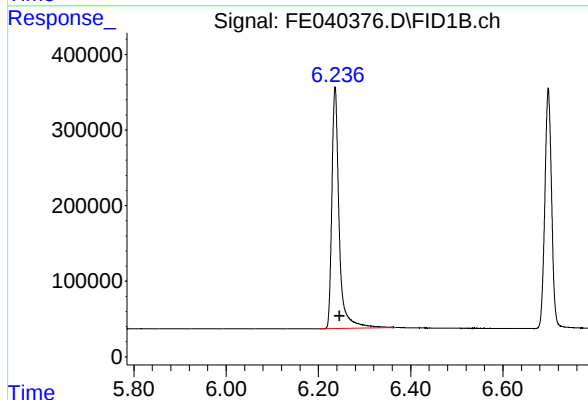
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.007 min
Response: 3260915
Conc: 23.96 ug/ml



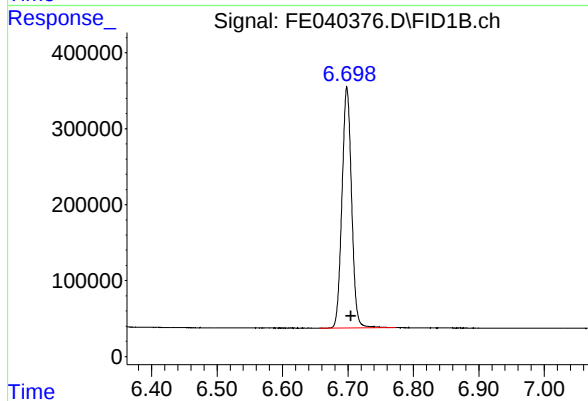
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.007 min
Response: 3187994
Conc: 23.99 ug/ml



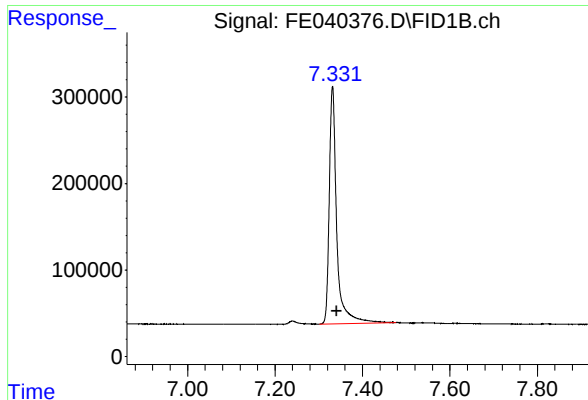
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 3525712
Conc: 24.09 ug/ml



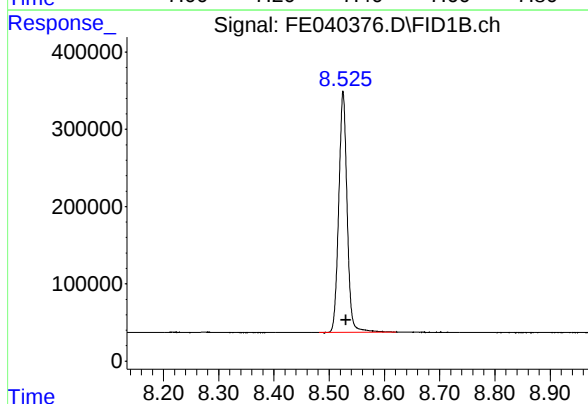
#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.006 min
Response: 3231268
Conc: 24.00 ug/ml



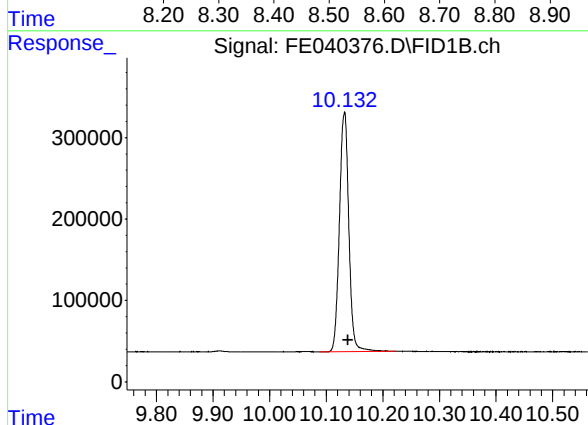
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.009 min
Response: 3264482
Conc: 24.12 ug/ml



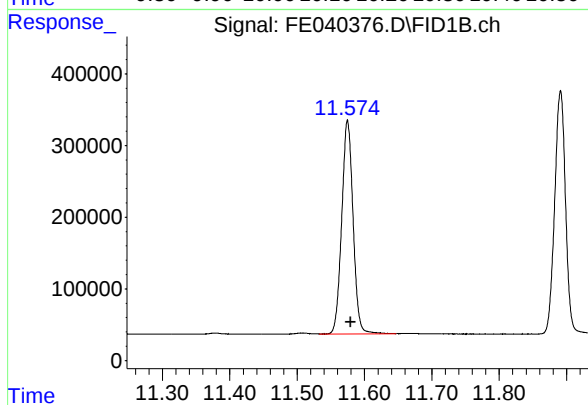
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 3277780
Conc: 23.78 ug/ml



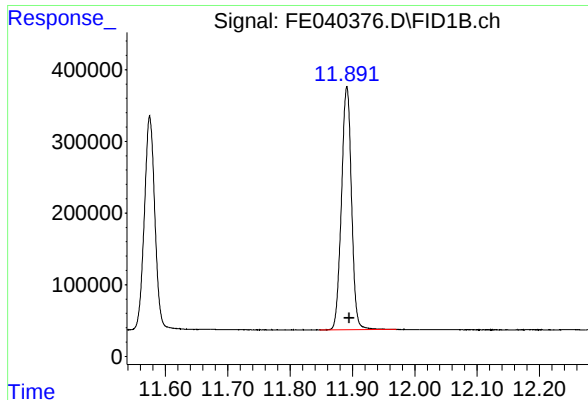
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.006 min
Response: 3391727
Conc: 23.63 ug/ml



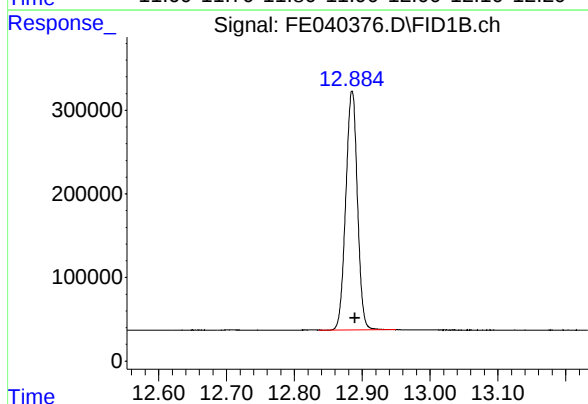
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 3484567
Conc: 23.43 ug/ml



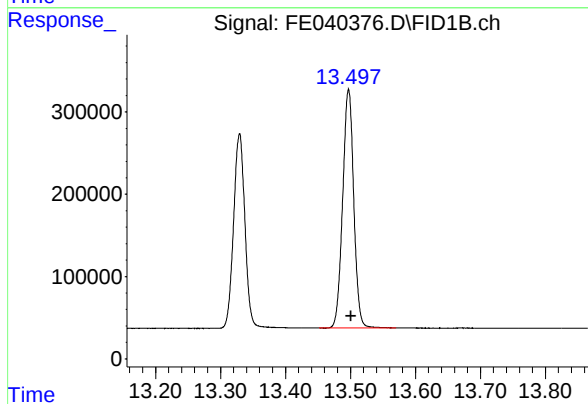
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 3802808
Conc: 23.49 ug/ml



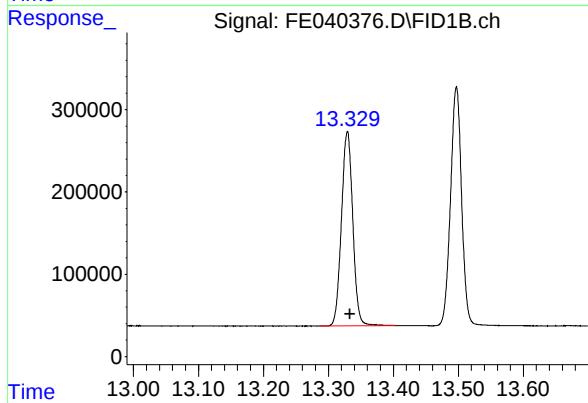
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.004 min
Response: 3411762
Conc: 23.21 ug/ml



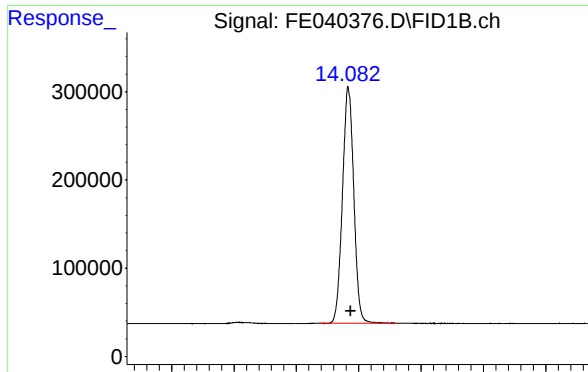
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.004 min
Response: 3431888
Conc: 23.27 ug/ml



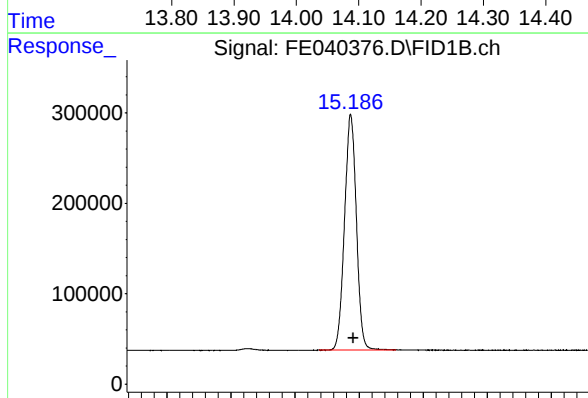
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.004 min
Response: 2860489
Conc: 23.06 ug/ml



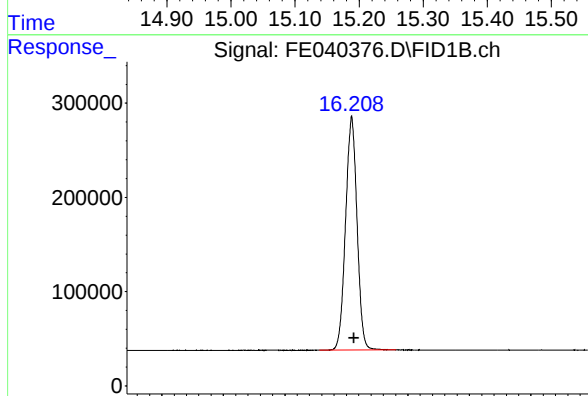
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.004 min
Response: 3378886
Conc: 22.80 ug/ml



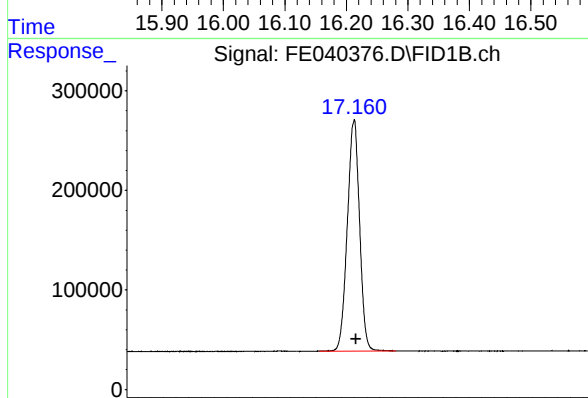
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.004 min
Response: 3333582
Conc: 21.96 ug/ml



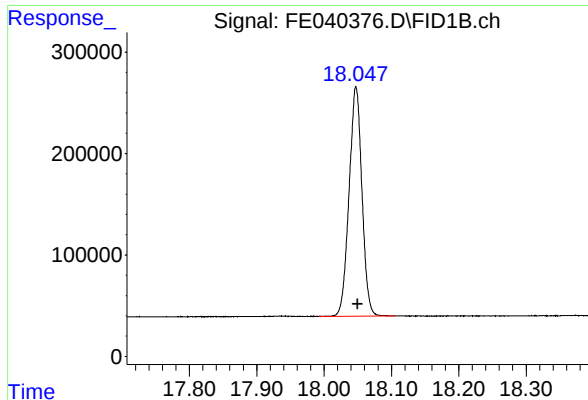
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.004 min
Response: 3215499
Conc: 21.69 ug/ml



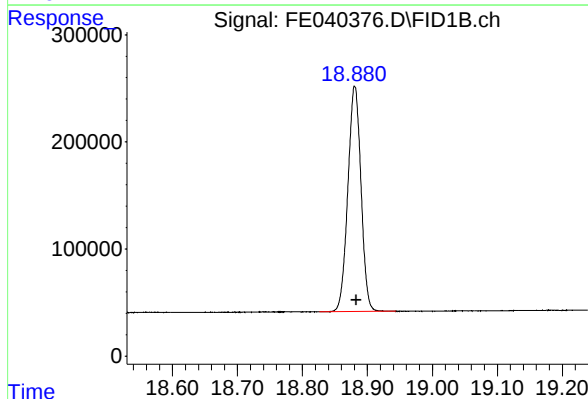
#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.003 min
Response: 3107856
Conc: 20.74 ug/ml



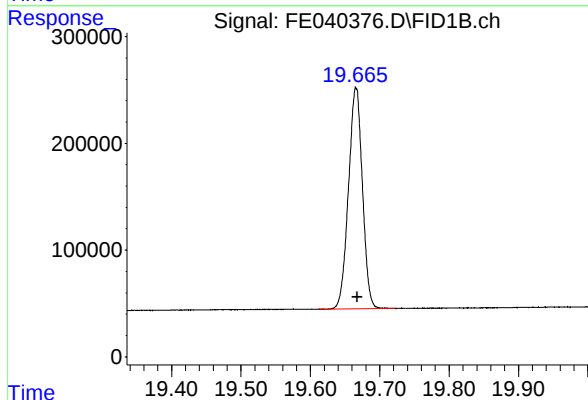
#17 n-Tricontane (C30)

R.T.: 18.047 min
Delta R.T.: -0.003 min
Response: 3004525
Conc: 20.36 ug/ml



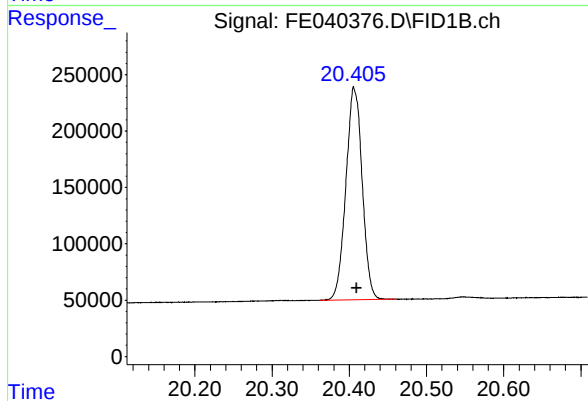
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.002 min
Response: 2957693
Conc: 20.19 ug/ml



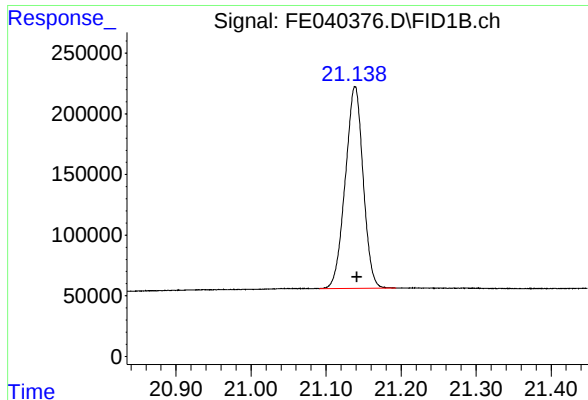
#19 n-Tetatriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.002 min
Response: 2896376
Conc: 21.06 ug/ml



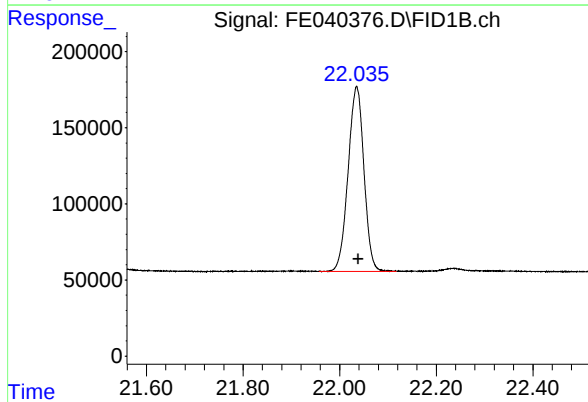
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.003 min
Response: 2761508
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.002 min
Response: 2755193
Conc: 21.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.004 min
Response: 2751620
Conc: 20.72 ug/ml