

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030723AL\
 Data File : FE040701.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2023 20:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 22:29:46 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)	11.884	3606500	19.306 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.322	2818089	19.041 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.278	3099600	20.144 ug/ml
2) T n-Decane (C10)	4.526	3090681	20.543 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3411942	20.570 ug/ml
4) T n-Dodecane (C12)	6.690	3138464	20.501 ug/ml
5) T A~2-methylnaphthalene...	7.324	3177244	20.993 ug/ml
6) T n-Tetradecane (C14)	8.517	3185519	20.611 ug/ml
7) T n-Hexadecane (C16)	10.125	3288094	20.357 ug/ml
8) T n-Octadecane (C18)	11.567	3371283	19.855 ug/ml
10) T n-Eicosane (C20)	12.877	3292779	19.464 ug/ml
11) T n-Heneicosane (C21)	13.489	3284984	19.170 ug/ml
13) T n-Docosane (C22)	14.076	3286808	19.186 ug/ml
14) T n-Tetracosane (C24)	15.181	3295941	19.119 ug/ml
15) T n-Hexacosane (C26)	16.203	3226392	18.983 ug/ml
16) T n-Octacosane (C28)	17.153	3237508	19.305 ug/ml
17) T n-Tricontane (C30)	18.043	3277918	20.075 ug/ml
18) T n-Dotriacontane (C32)	18.876	3275270	19.137 ug/mlm
19) T n-Tetratriacontane (C34)	19.663	3005143	19.437 ug/ml
20) T n-Hexatriacontane (C36)	20.402	2634004	18.131 ug/mlm
21) T n-Octatriacontane (C38)	21.136	2491395	18.125 ug/mlm
22) T n-Tetracontane (C40)	22.029	2508905	16.237 ug/mlm

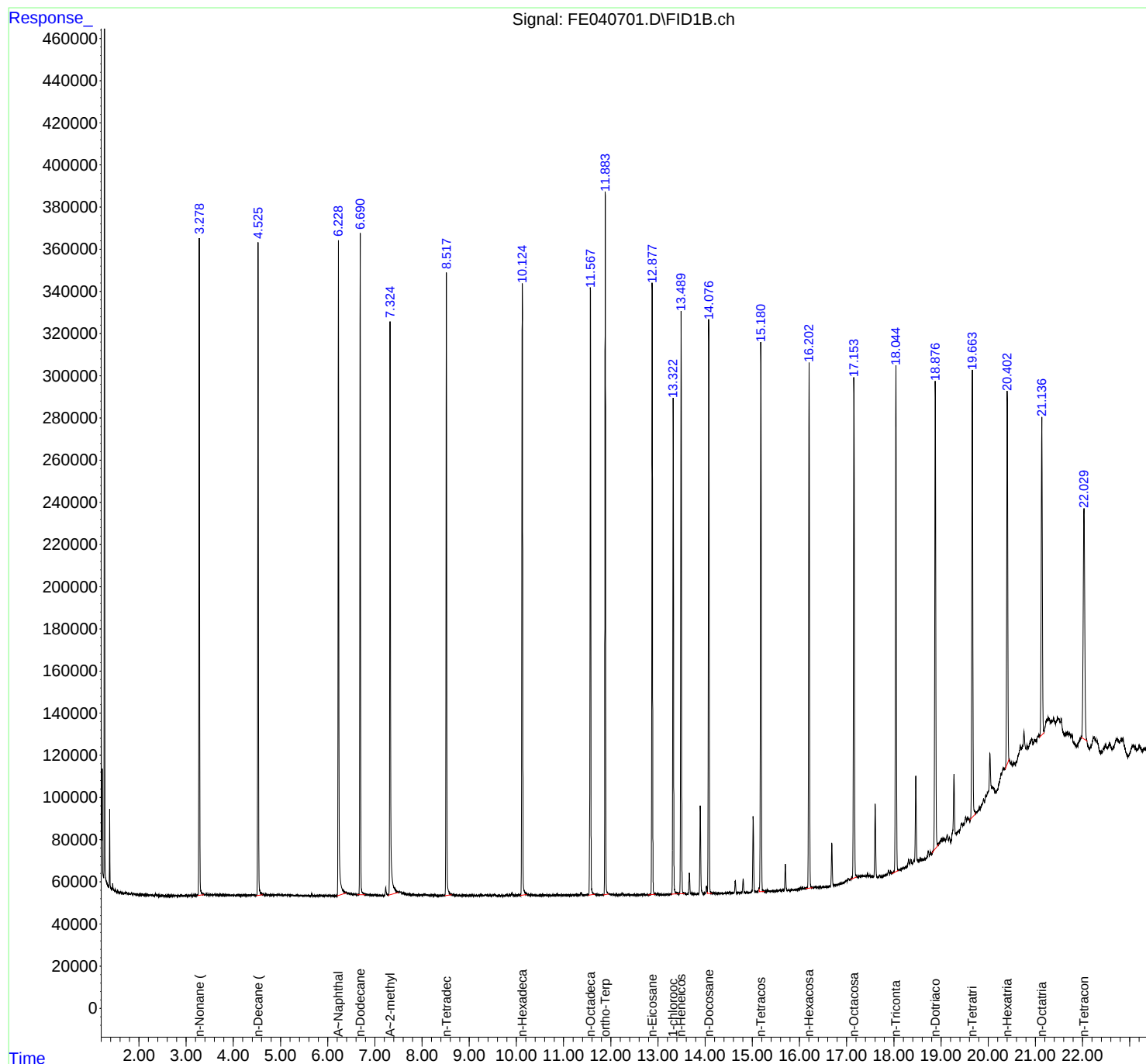
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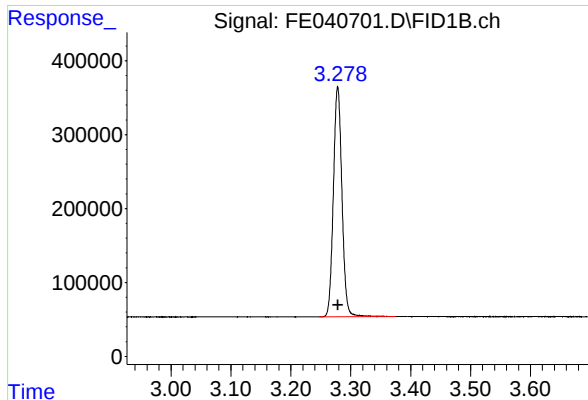
(m)=manual int.

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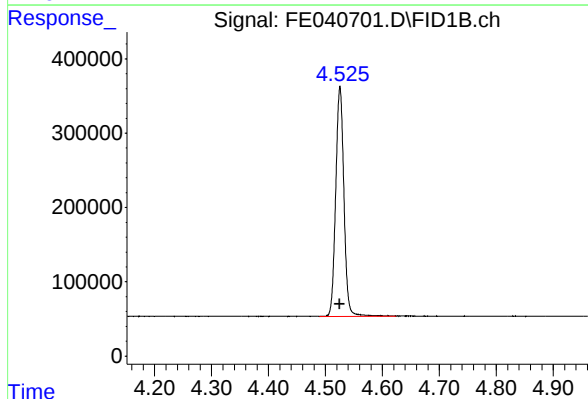
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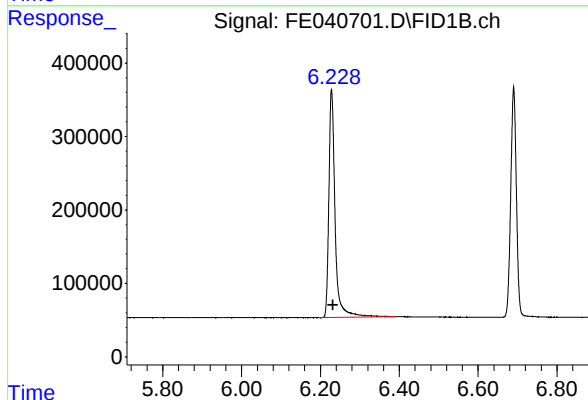
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 3099600
Conc: 20.14 ug/ml



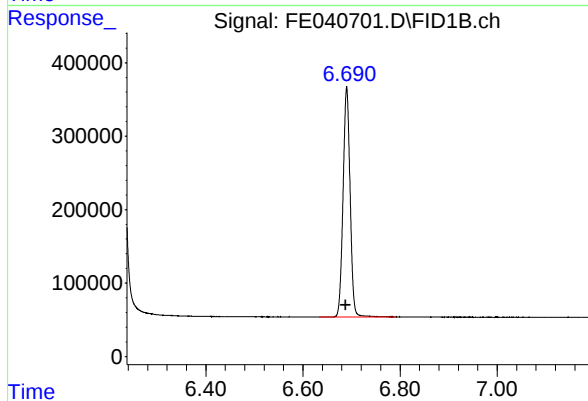
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 3090681
Conc: 20.54 ug/ml



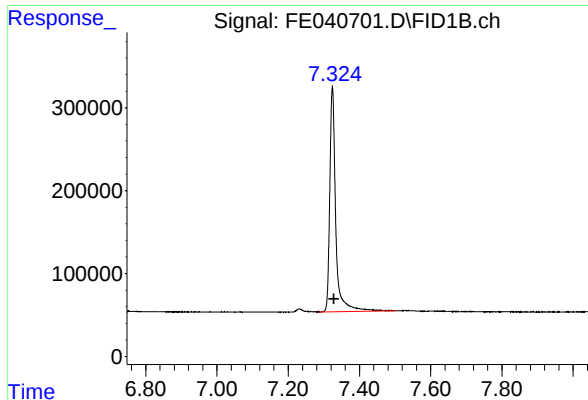
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 3411942
Conc: 20.57 ug/ml



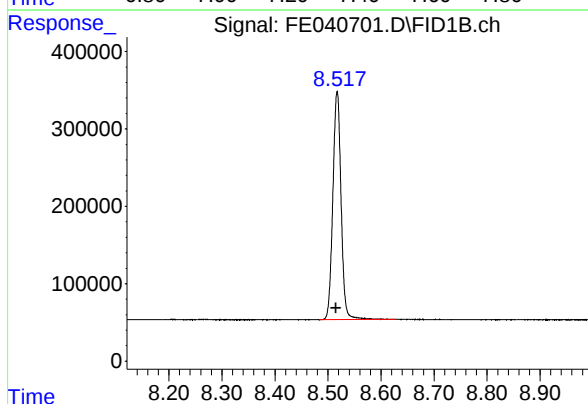
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 3138464
Conc: 20.50 ug/ml



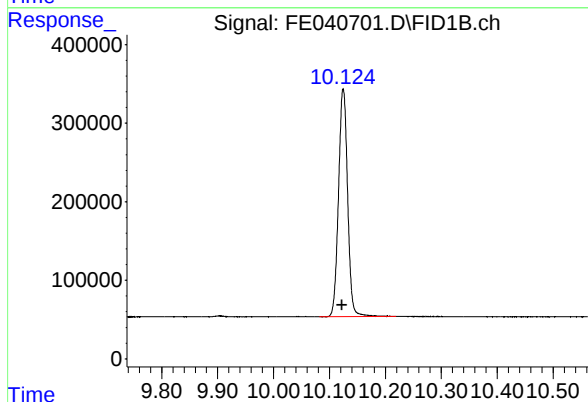
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 3177244
Conc: 20.99 ug/ml



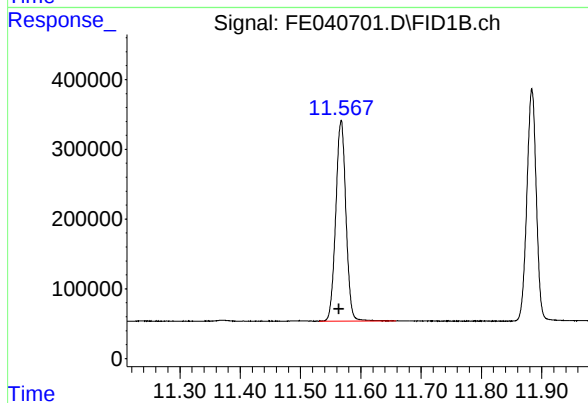
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.002 min
Response: 3185519
Conc: 20.61 ug/ml



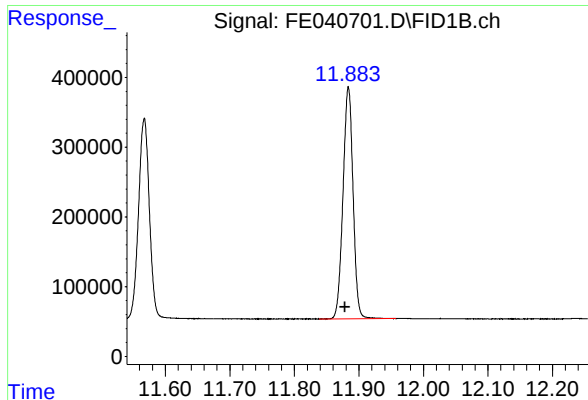
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.002 min
Response: 3288094
Conc: 20.36 ug/ml



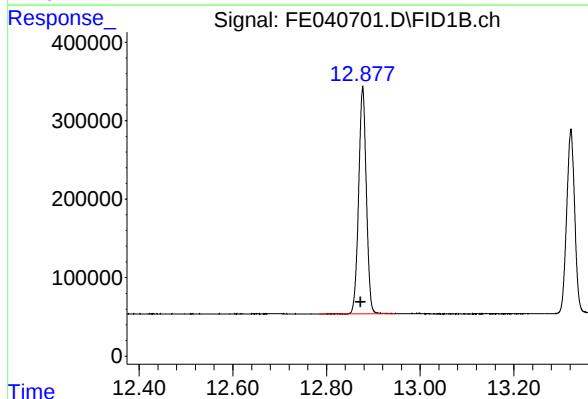
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: 0.004 min
Response: 3371283
Conc: 19.85 ug/ml



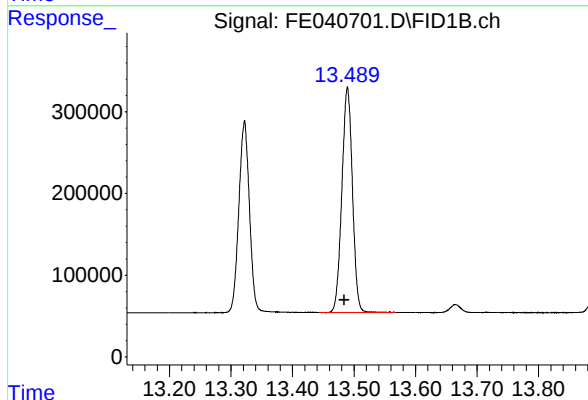
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: 0.005 min
Response: 3606500
Conc: 19.31 ug/ml



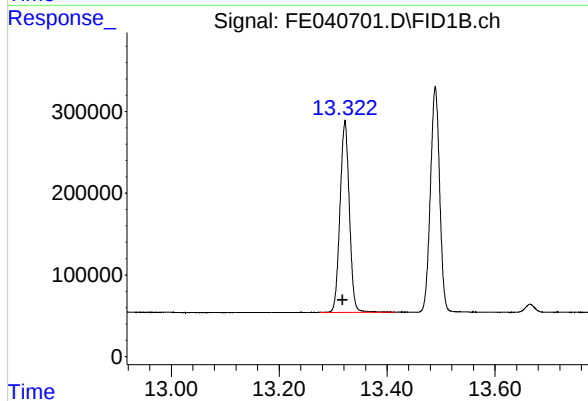
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.004 min
Response: 3292779
Conc: 19.46 ug/ml



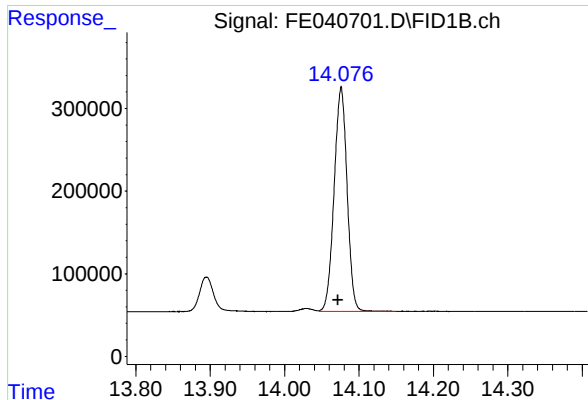
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.005 min
Response: 3284984
Conc: 19.17 ug/ml



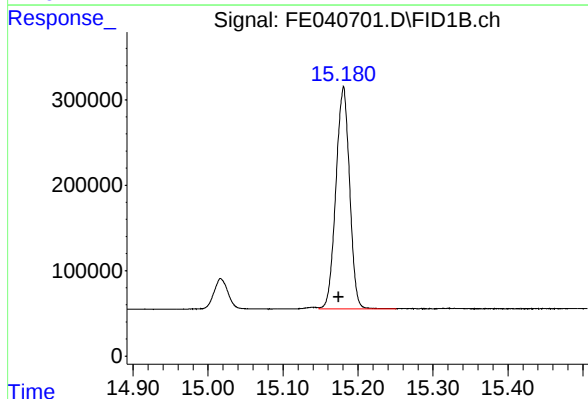
#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 2818089
Conc: 19.04 ug/ml



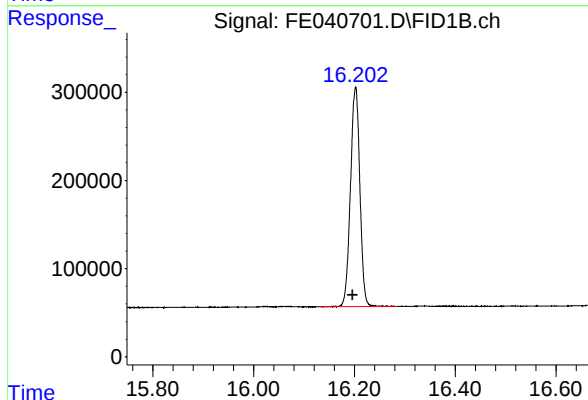
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.004 min
Response: 3286808
Conc: 19.19 ug/ml



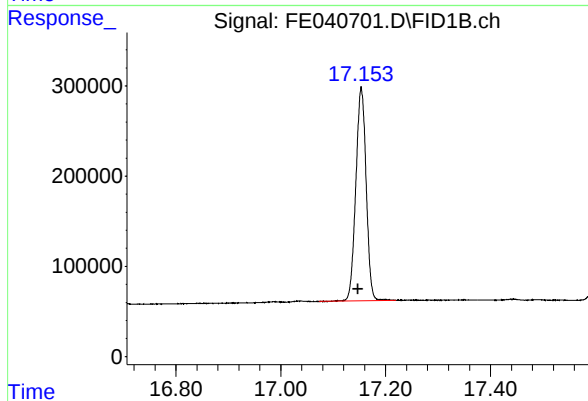
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: 0.006 min
Response: 3295941
Conc: 19.12 ug/ml



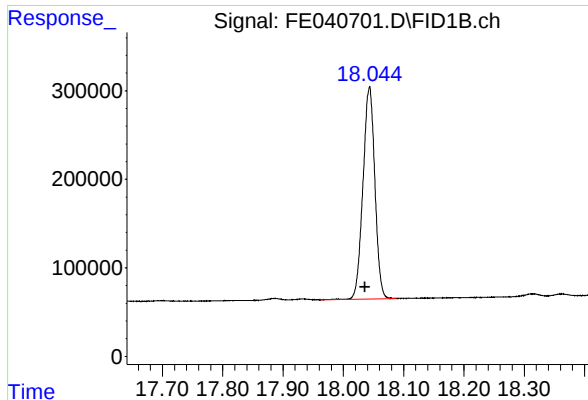
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 3226392
Conc: 18.98 ug/ml



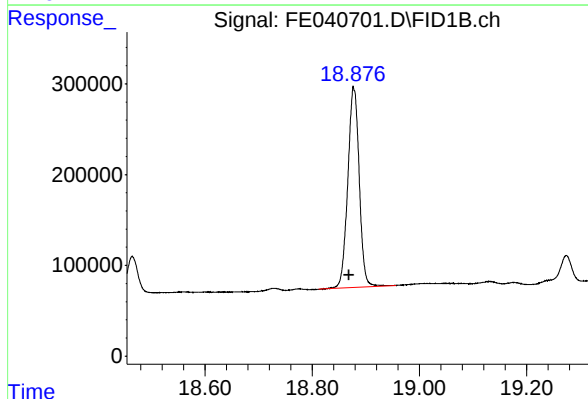
#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: 0.006 min
Response: 3237508
Conc: 19.30 ug/ml



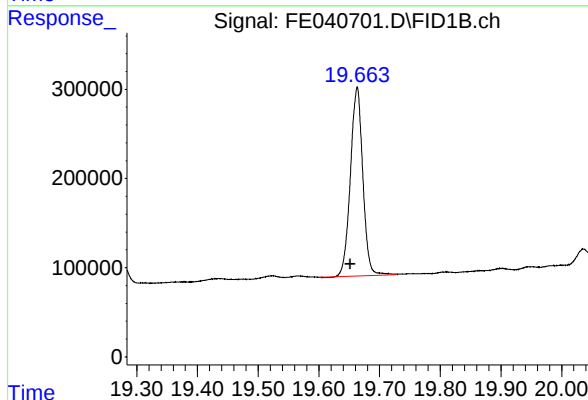
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: 0.007 min
Response: 3277918
Conc: 20.08 ug/ml



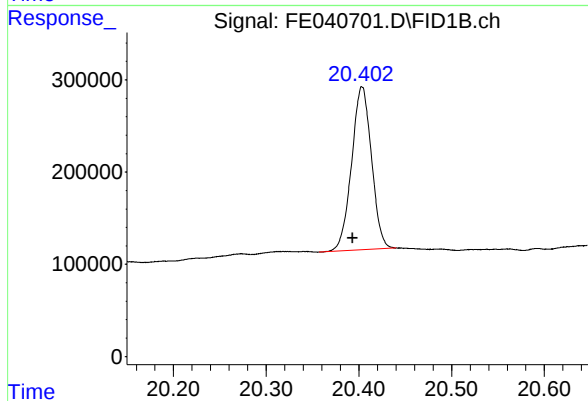
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: 0.008 min
Response: 3275270
Conc: 19.14 ug/ml m



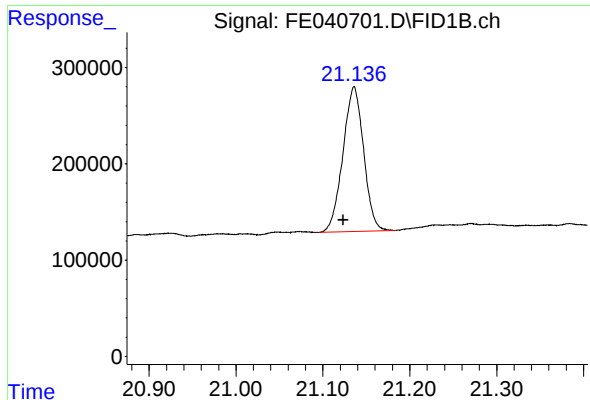
#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: 0.011 min
Response: 3005143
Conc: 19.44 ug/ml



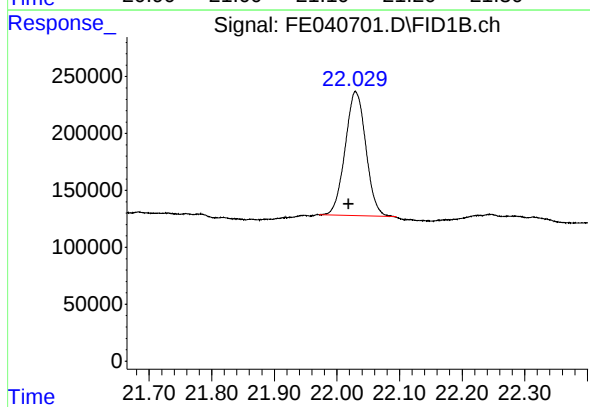
#20 n-Hexatriacontane (C36)

R.T.: 20.402 min
Delta R.T.: 0.009 min
Response: 2634004
Conc: 18.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: 0.012 min
Response: 2491395
Conc: 18.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: 0.010 min
Response: 2508905
Conc: 16.24 ug/ml m