

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031423AL\
 Data File : FE040781.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2023 11:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 18:55:47 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)	11.879	3812542	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
12) S 1-chlorooctadecane (S...	13.318	2965142	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.274	3361090	21.843 ug/ml
2) T n-Decane (C10)	4.521	3344245	22.229 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3656954	22.047 ug/ml
4) T n-Dodecane (C12)	6.686	3391541	22.154 ug/ml
5) T A~2-methylnaphthalene...	7.319	3378681	22.324 ug/ml
6) T n-Tetradecane (C14)	8.513	3433776	22.217 ug/ml
7) T n-Hexadecane (C16)	10.120	3549295	21.974 ug/ml
8) T n-Octadecane (C18)	11.564	3604005	21.226 ug/ml
10) T n-Eicosane (C20)	12.874	3480265	20.573 ug/ml
11) T n-Heneicosane (C21)	13.486	3477702	20.295 ug/ml
13) T n-Docosane (C22)	14.073	3411598	19.914 ug/ml
14) T n-Tetracosane (C24)	15.178	3342961	19.392 ug/ml
15) T n-Hexacosane (C26)	16.199	3196831	18.809 ug/ml
16) T n-Octacosane (C28)	17.150	3141252	18.731 ug/ml
17) T n-Tricontane (C30)	18.040	3159586	19.350 ug/ml
18) T n-Dotriacontane (C32)	18.873	3187395	18.623 ug/ml
19) T n-Tetratriacontane (C34)	19.659	3043775	19.687 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2811880	19.355 ug/ml
21) T n-Octatriacontane (C38)	21.132	2761818	20.092 ug/ml
22) T n-Tetracontane (C40)	22.025	2893380	18.725 ug/ml

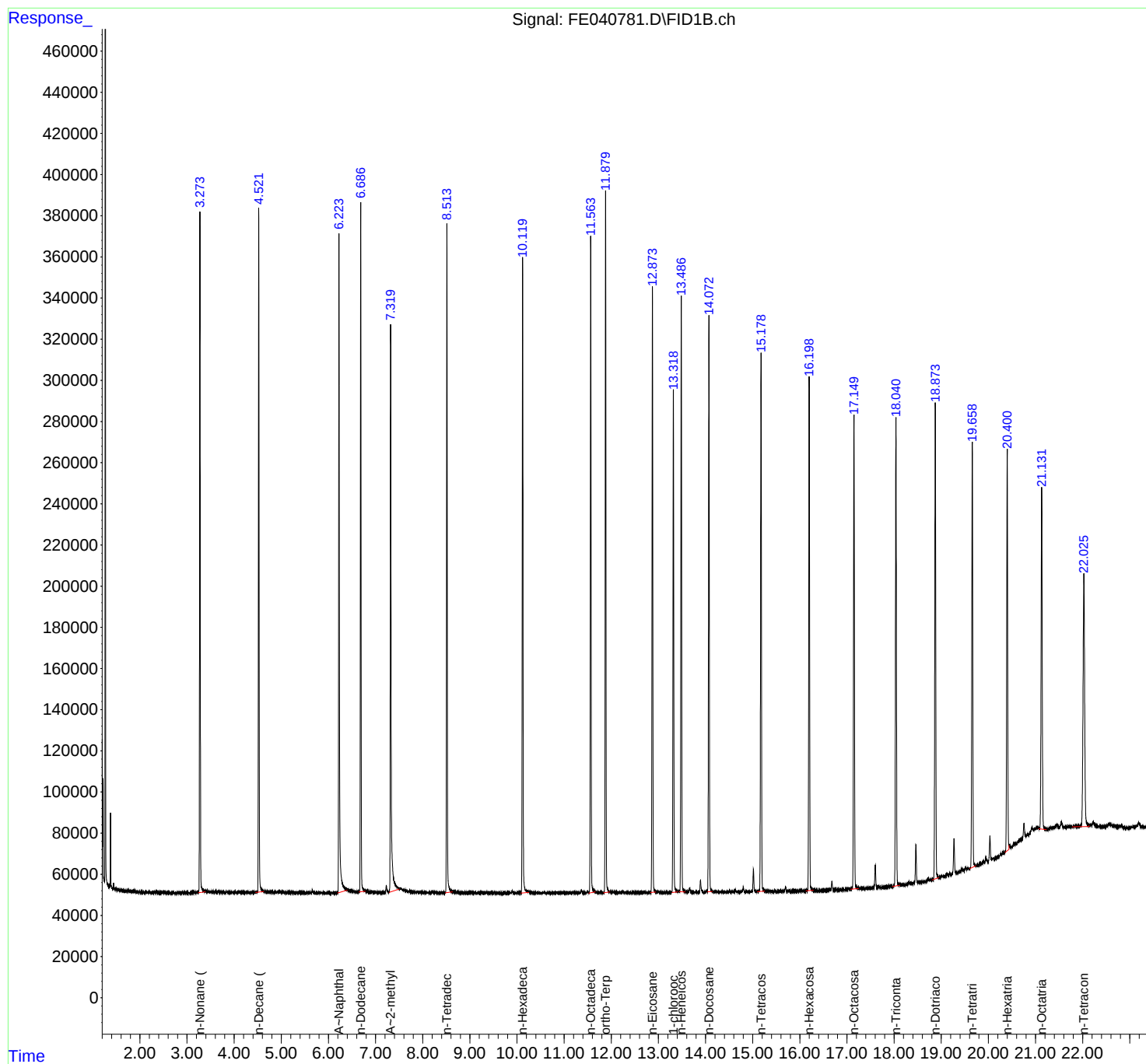
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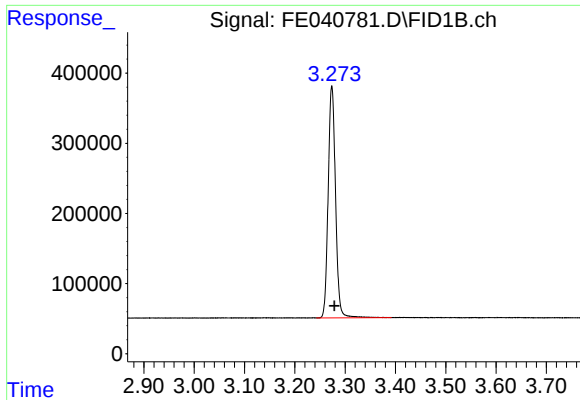
(m)=manual int.

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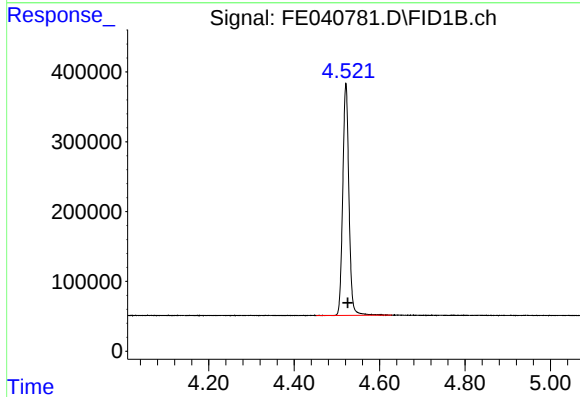
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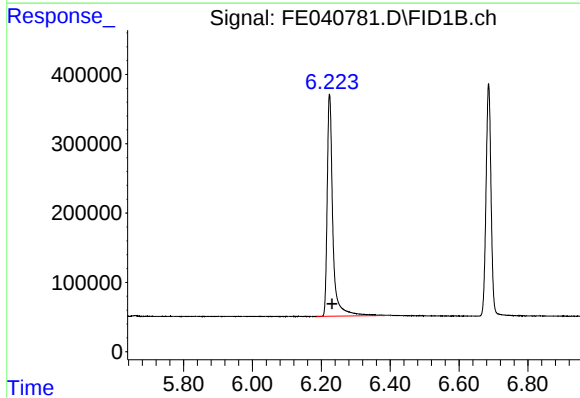
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 3361090
Conc: 21.84 ug/ml



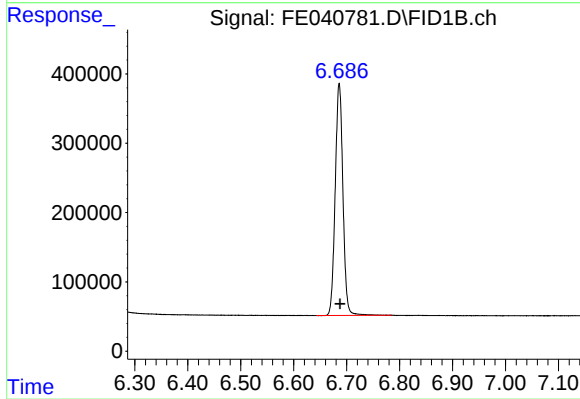
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 3344245
Conc: 22.23 ug/ml



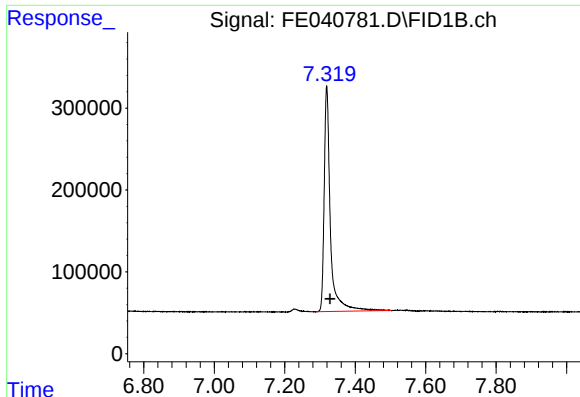
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.007 min
Response: 3656954
Conc: 22.05 ug/ml



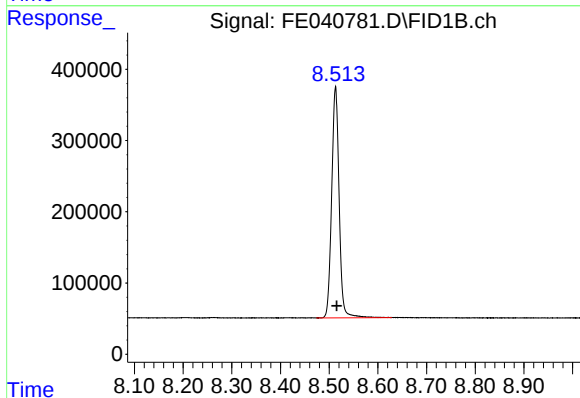
#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.002 min
Response: 3391541
Conc: 22.15 ug/ml



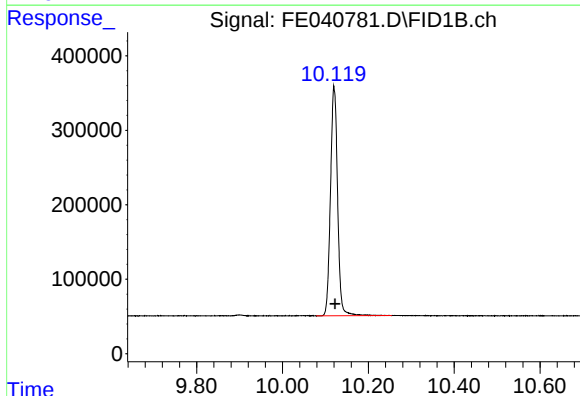
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.009 min
Response: 3378681
Conc: 22.32 ug/ml



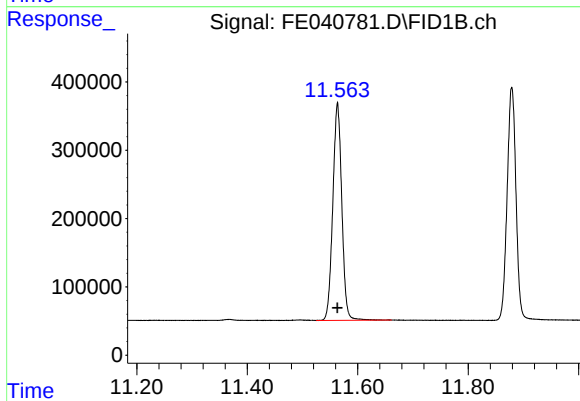
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 3433776
Conc: 22.22 ug/ml



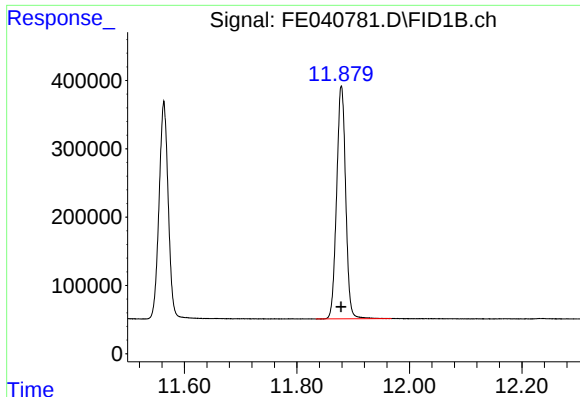
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.003 min
Response: 3549295
Conc: 21.97 ug/ml



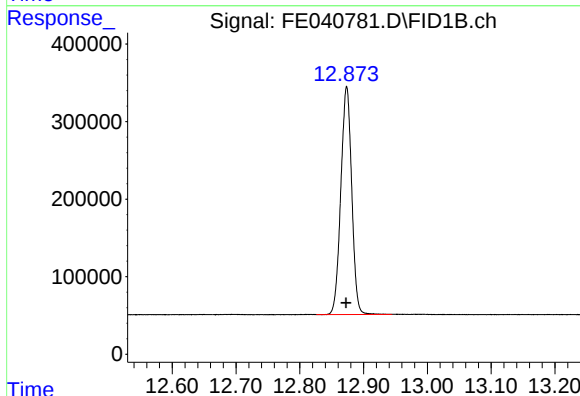
#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 3604005
Conc: 21.23 ug/ml



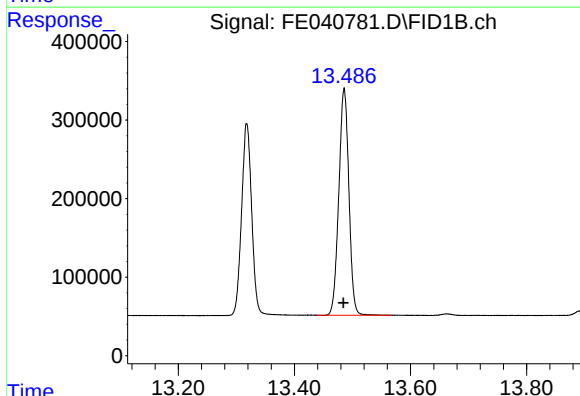
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 3812542
Conc: 20.41 ug/ml



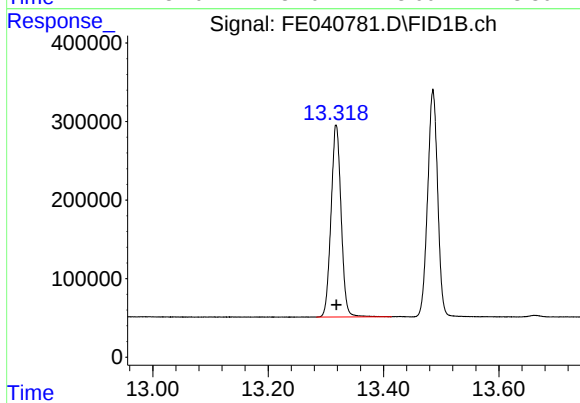
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 3480265
Conc: 20.57 ug/ml



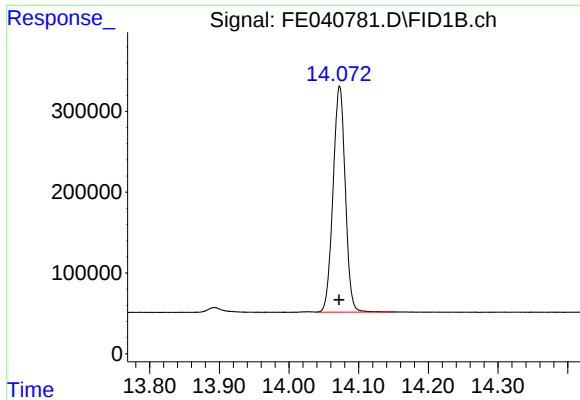
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.002 min
Response: 3477702
Conc: 20.29 ug/ml



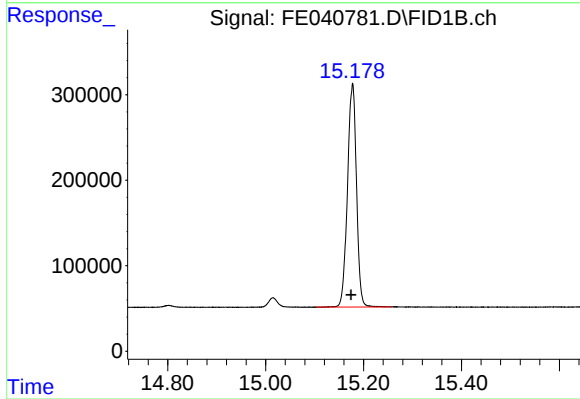
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 2965142
Conc: 20.03 ug/ml



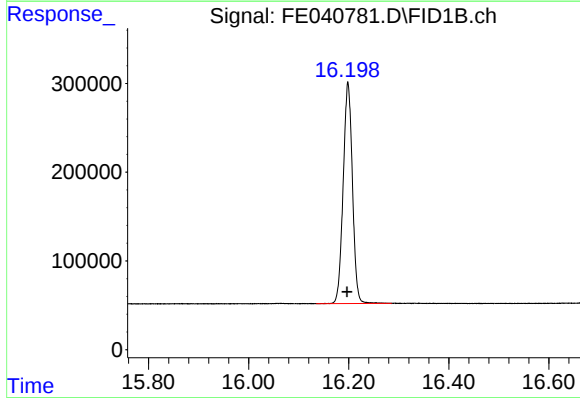
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: 0.001 min
Response: 3411598
Conc: 19.91 ug/ml



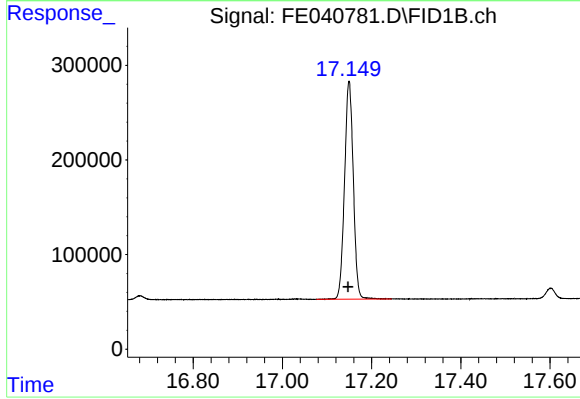
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: 0.004 min
Response: 3342961
Conc: 19.39 ug/ml



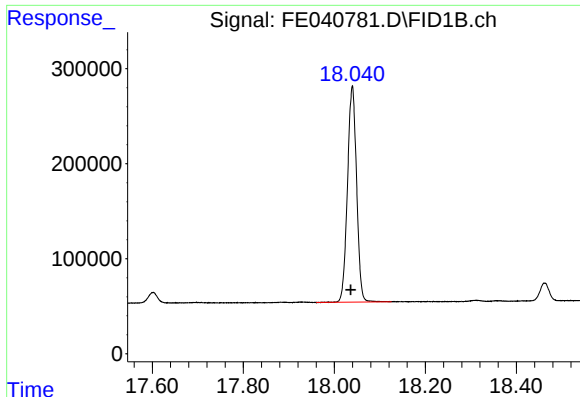
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 3196831
Conc: 18.81 ug/ml



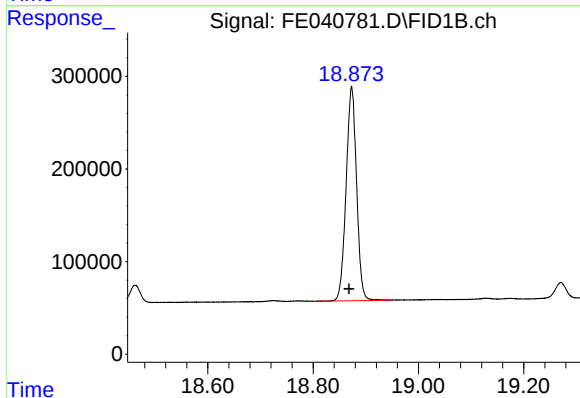
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.002 min
Response: 3141252
Conc: 18.73 ug/ml



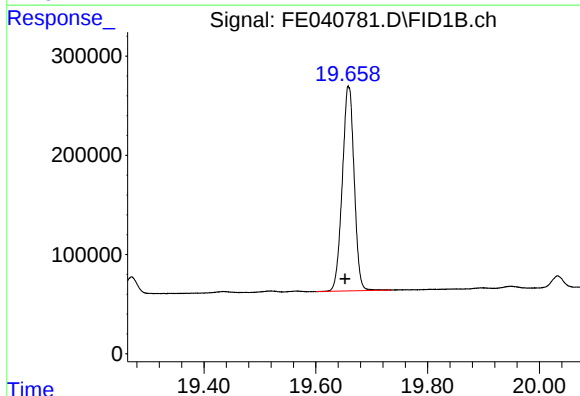
#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 3159586
Conc: 19.35 ug/ml



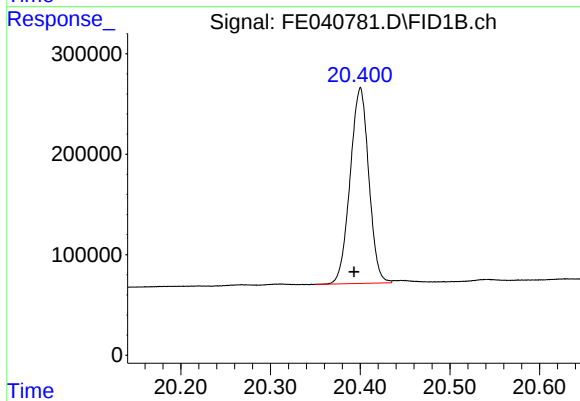
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: 0.005 min
Response: 3187395
Conc: 18.62 ug/ml



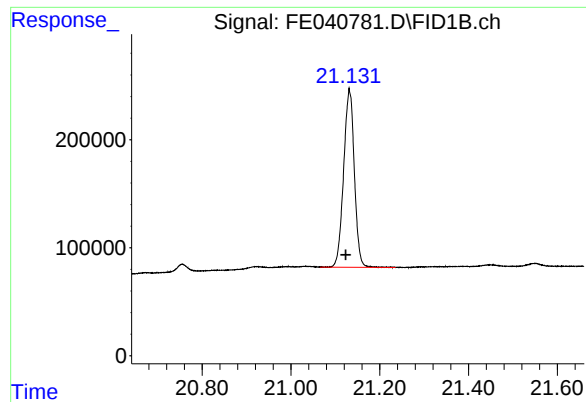
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 3043775
Conc: 19.69 ug/ml



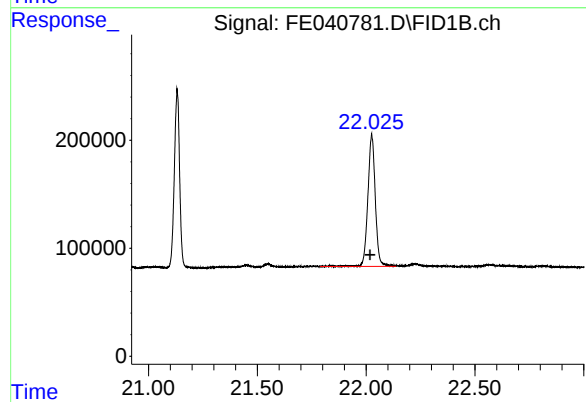
#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: 0.007 min
Response: 2811880
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.008 min
Response: 2761818
Conc: 20.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.007 min
Response: 2893380
Conc: 18.72 ug/ml