

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031924AL\
 Data File : FE047217.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2024 18:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 01:24:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 2024
 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)	11.977	3224848	19.545 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
12) S 1-chlorooctadecane (S...	13.410	2494966	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.365	2985984	19.860 ug/ml
2) T n-Decane (C10)	4.616	3071048	20.031 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3183965	19.970 ug/ml
4) T n-Dodecane (C12)	6.780	3076395	19.994 ug/ml
5) T A~2-methylnaphthalene...	7.414	3075622	20.041 ug/ml
6) T n-Tetradecane (C14)	8.607	3037217	19.934 ug/ml
7) T n-Hexadecane (C16)	10.215	3117827	19.807 ug/ml
8) T n-Octadecane (C18)	11.657	3132142	19.668 ug/ml
10) T n-Eicosane (C20)	12.965	3008800	19.575 ug/ml
11) T n-Heneicosane (C21)	13.576	2942229	19.445 ug/ml
13) T n-Docosane (C22)	14.163	2963020	19.694 ug/ml
14) T n-Tetracosane (C24)	15.262	2999268	20.084 ug/ml
15) T n-Hexacosane (C26)	16.283	3000334	20.596 ug/ml
16) T n-Octacosane (C28)	17.230	3008283	21.320 ug/ml
17) T n-Tricontane (C30)	18.117	3062740	21.666 ug/mlm
18) T n-Dotriacontane (C32)	18.947	3099118	22.473 ug/ml
19) T n-Tetratriacontane (C34)	19.729	2801635	21.459 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	2686530	21.565 ug/mlm
21) T n-Octatriacontane (C38)	21.209	2925037	23.556 ug/ml
22) T n-Tetracontane (C40)	22.135	2587370	21.998 ug/ml

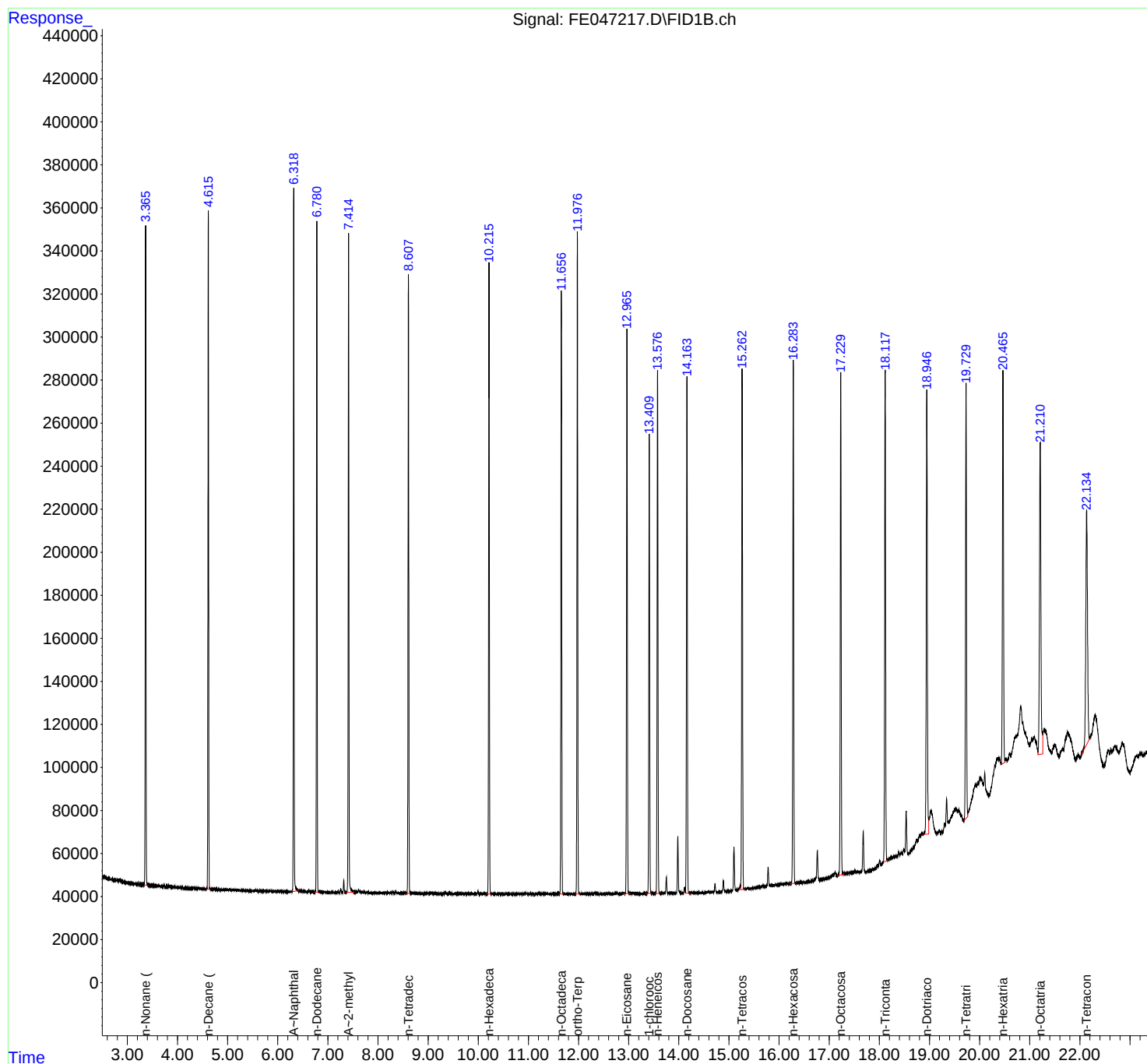
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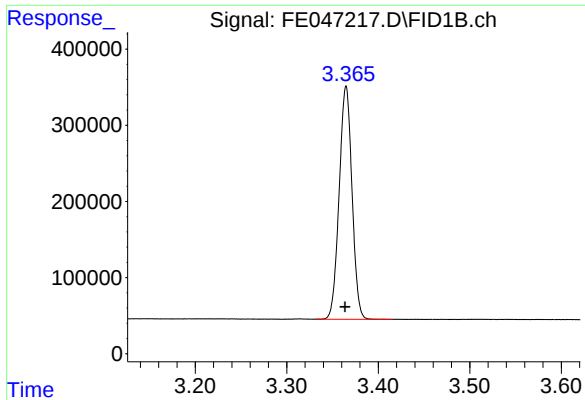
(m)=manual int.

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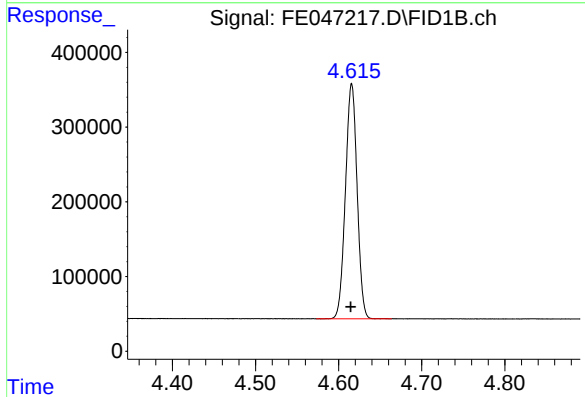
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





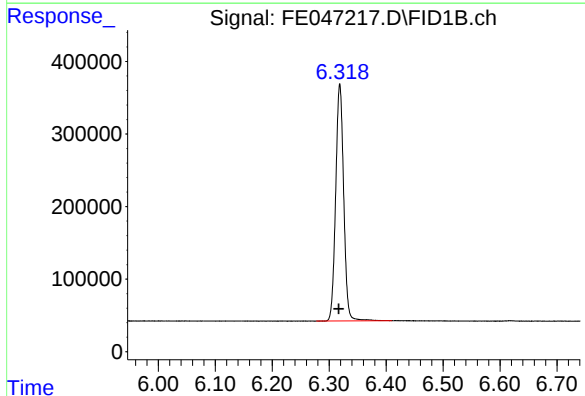
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 2985984
Conc: 19.86 ug/ml



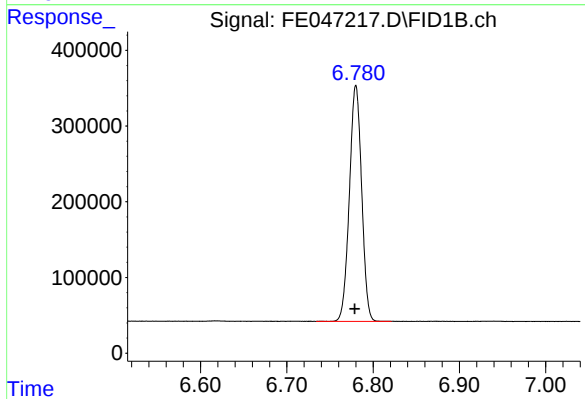
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.001 min
Response: 3071048
Conc: 20.03 ug/ml



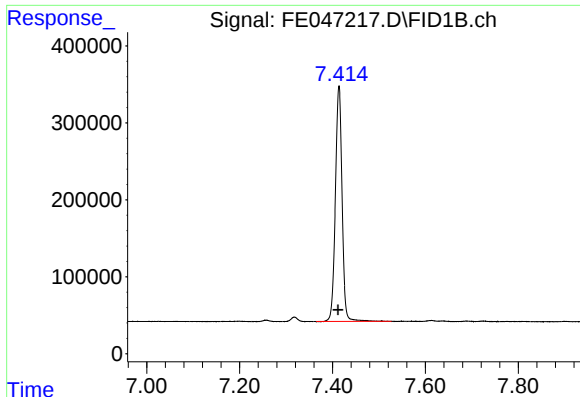
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 3183965
Conc: 19.97 ug/ml



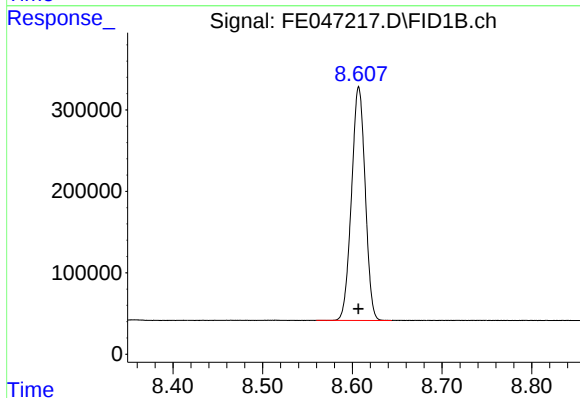
#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 3076395
Conc: 19.99 ug/ml



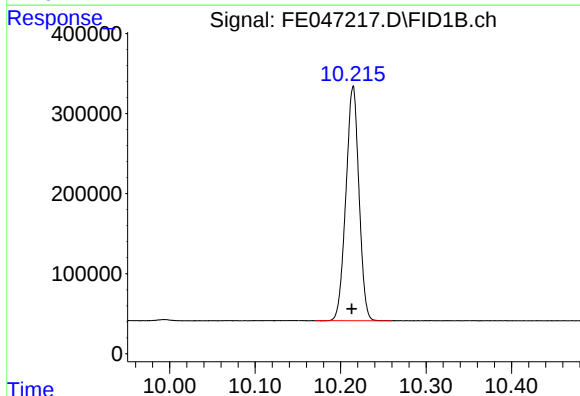
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.002 min
Response: 3075622
Conc: 20.04 ug/ml



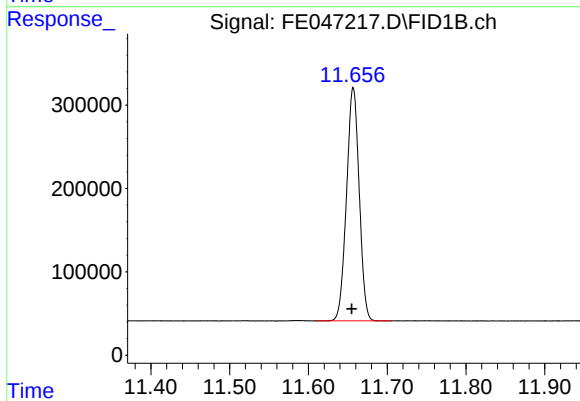
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 3037217
Conc: 19.93 ug/ml



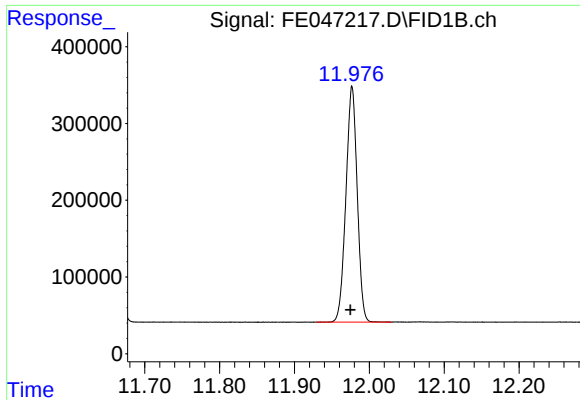
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.002 min
Response: 3117827
Conc: 19.81 ug/ml



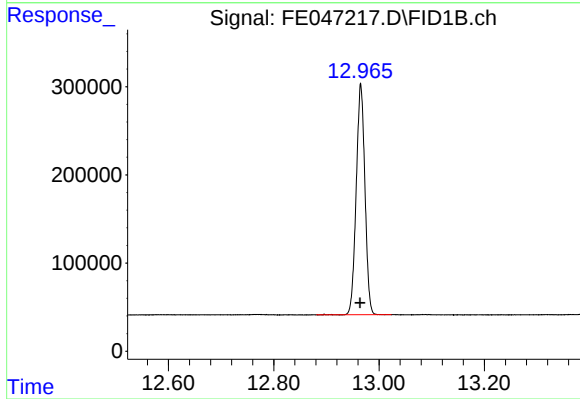
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.002 min
Response: 3132142
Conc: 19.67 ug/ml



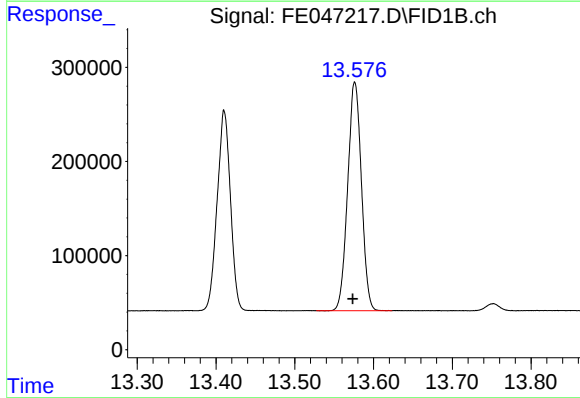
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 3224848
Conc: 19.55 ug/ml



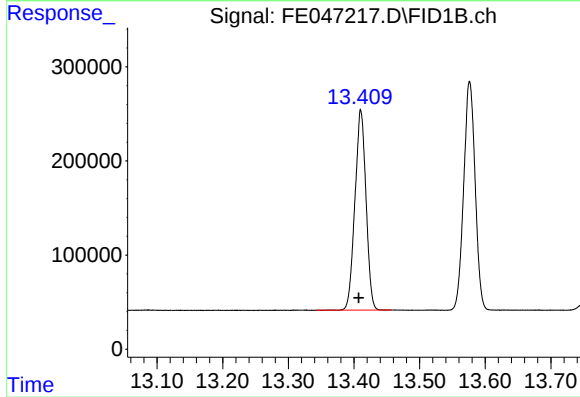
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.001 min
Response: 3008800
Conc: 19.58 ug/ml



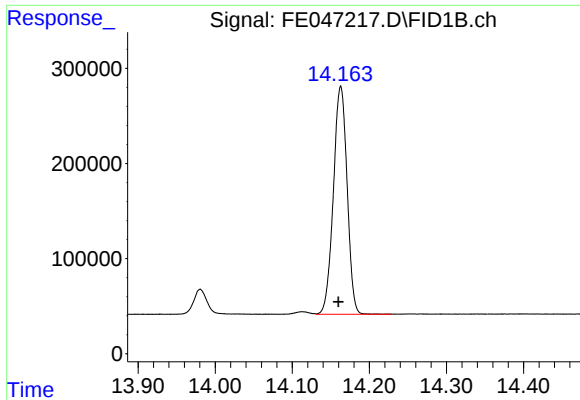
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.002 min
Response: 2942229
Conc: 19.45 ug/ml



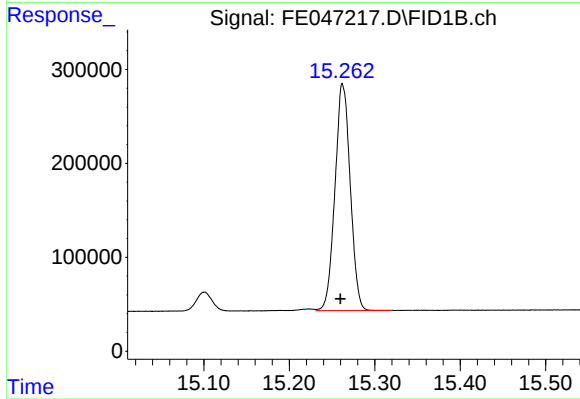
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.003 min
Response: 2494966
Conc: 19.57 ug/ml



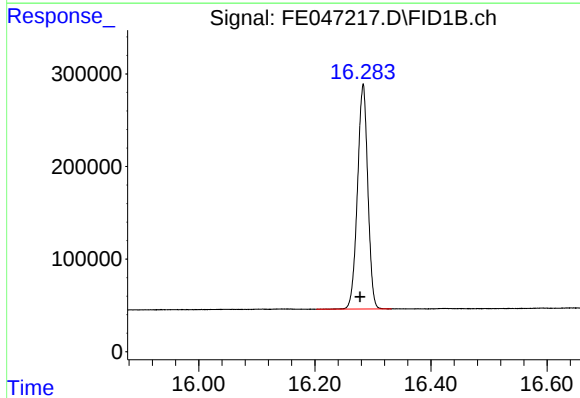
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.003 min
Response: 2963020
Conc: 19.69 ug/ml



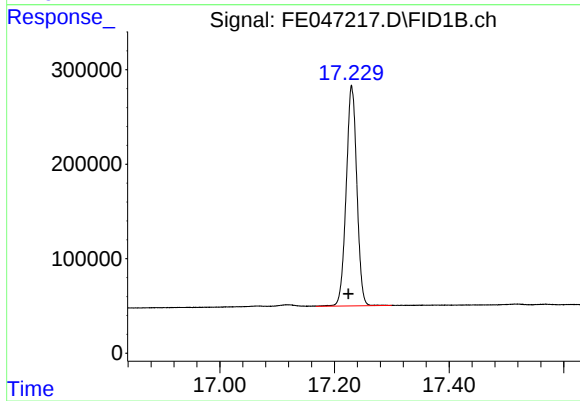
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.003 min
Response: 2999268
Conc: 20.08 ug/ml



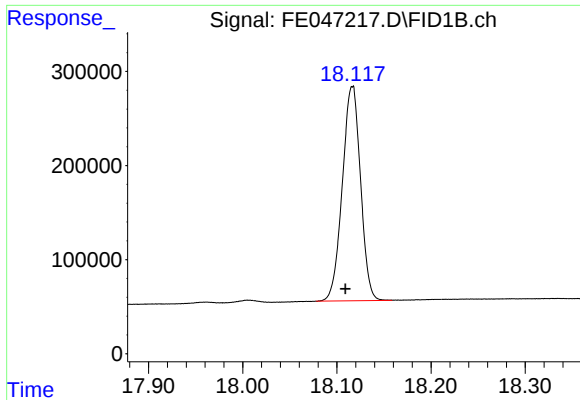
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.005 min
Response: 3000334
Conc: 20.60 ug/ml



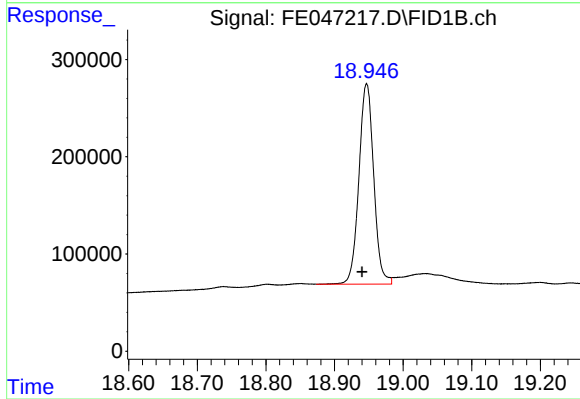
#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: 0.006 min
Response: 3008283
Conc: 21.32 ug/ml



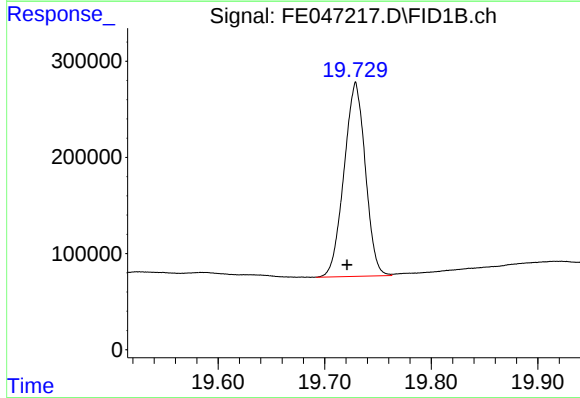
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.008 min
Response: 3062740
Conc: 21.67 ug/ml m



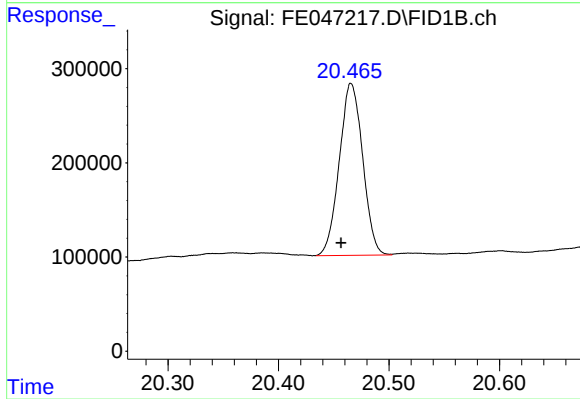
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: 0.007 min
Response: 3099118
Conc: 22.47 ug/ml



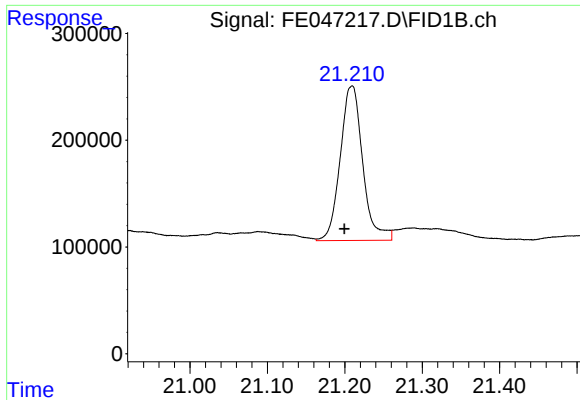
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.008 min
Response: 2801635
Conc: 21.46 ug/ml m



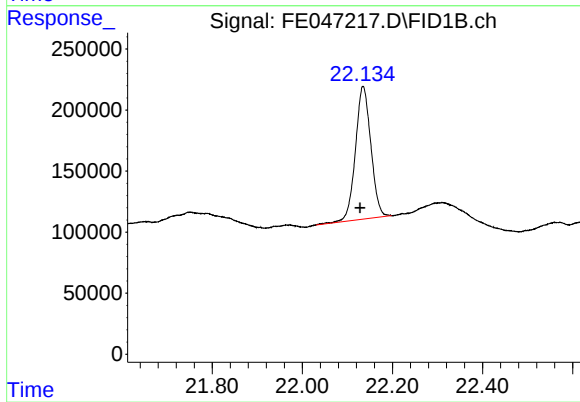
#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: 0.008 min
Response: 2686530
Conc: 21.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.010 min
Response: 2925037
Conc: 23.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.007 min
Response: 2587370
Conc: 22.00 ug/ml