

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030824AL\
 Data File : FE047138.D
 Signal(s) : FID1B.ch
 Acq On : 08 Mar 2024 11:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 22:03:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.780	3144912	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.222	2427018	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.166	2701371	17.715 ug/ml
2) T n-Decane (C10)	4.417	2849937	18.401 ug/ml
3) T A~Naphthalene (C11.7)	6.126	2836035	18.006 ug/ml
4) T n-Dodecane (C12)	6.587	2864610	18.424 ug/ml
5) T A~2-methylnaphthalene...	7.224	2663571	18.575 ug/ml
6) T n-Tetradecane (C14)	8.413	2914497	18.901 ug/ml
7) T n-Hexadecane (C16)	10.024	3040384	19.162 ug/ml
8) T n-Octadecane (C18)	11.467	3169846	19.884 ug/ml
10) T n-Eicosane (C20)	12.776	3012246	19.900 ug/ml
11) T n-Heneicosane (C21)	13.389	2947783	19.906 ug/ml
13) T n-Docosane (C22)	13.975	2943761	20.233 ug/ml
14) T n-Tetracosane (C24)	15.077	2921414	20.456 ug/ml
15) T n-Hexacosane (C26)	16.099	2917591	20.879 ug/ml
16) T n-Octacosane (C28)	17.049	2954595	21.687 ug/mlm
17) T n-Tricontane (C30)	17.939	3181562	22.804 ug/ml
18) T n-Dotriacontane (C32)	18.770	3186164	23.155 ug/ml
19) T n-Tetratriacontane (C34)	19.555	2980023	22.183 ug/ml
20) T n-Hexatriacontane (C36)	20.295	2852623	21.422 ug/ml
21) T n-Octatriacontane (C38)	21.016	2796327	20.295 ug/ml
22) T n-Tetracontane (C40)	21.885	2809957	19.916 ug/ml

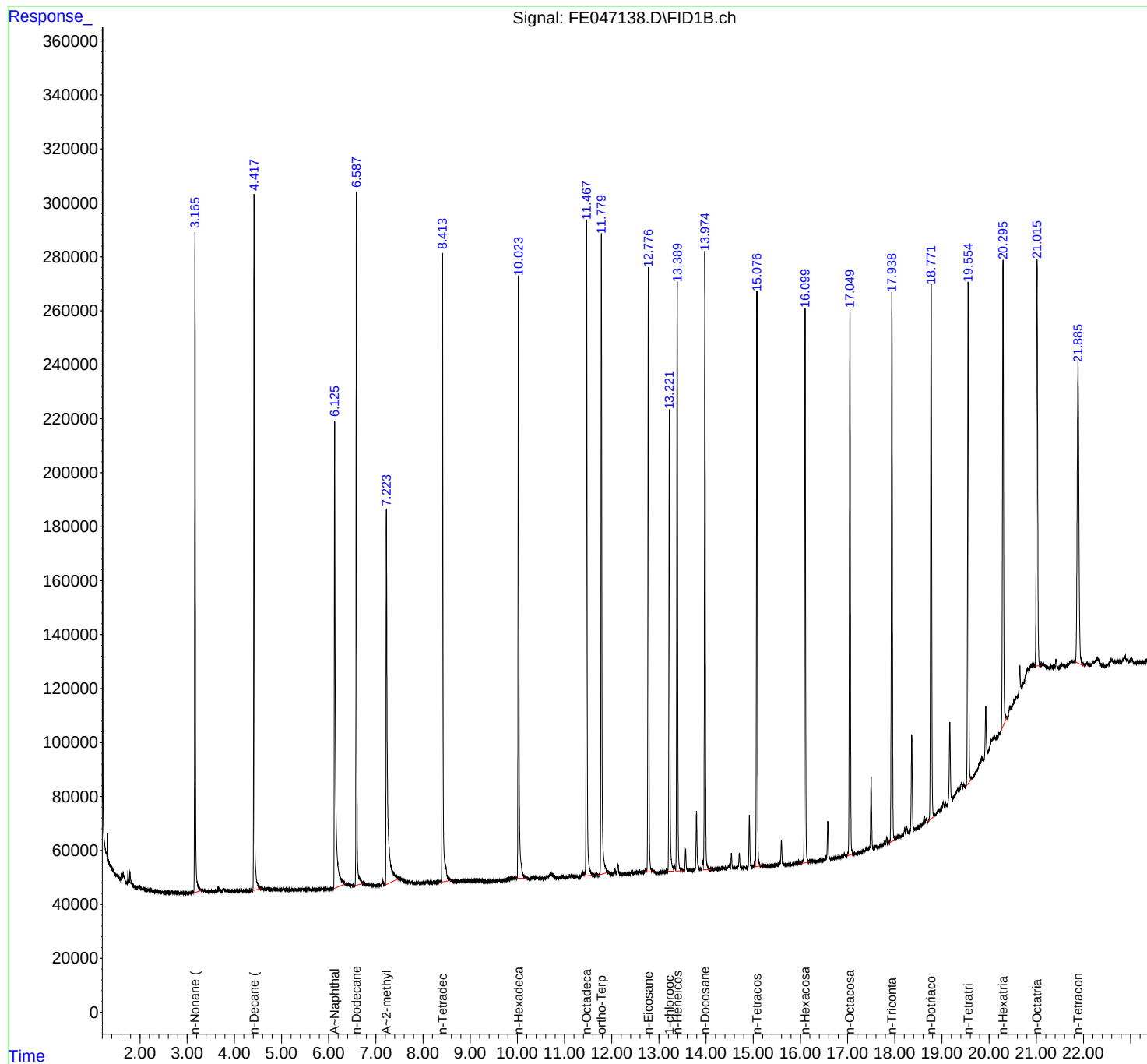
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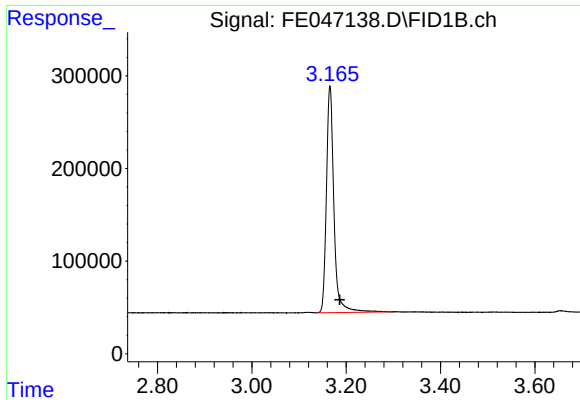
(m)=manual int.

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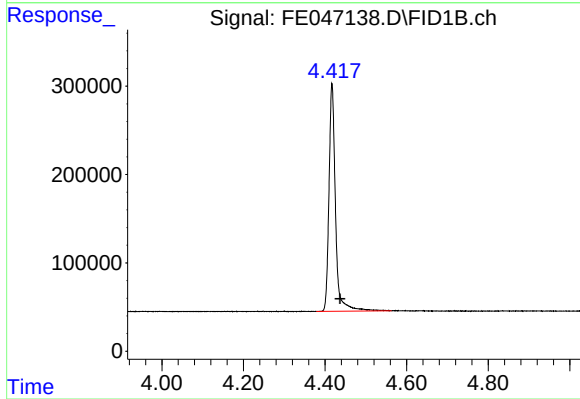
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





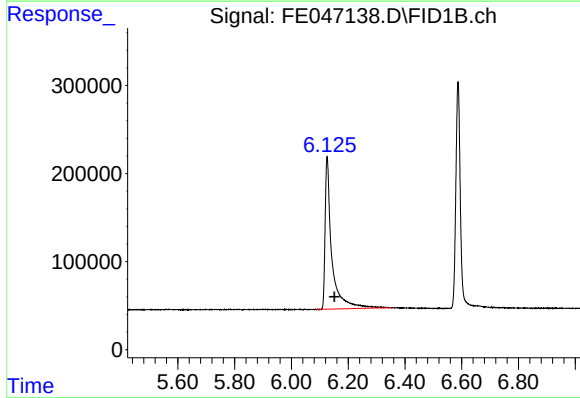
#1 n-Nonane (C9)

R.T.: 3.166 min
Delta R.T.: -0.020 min
Response: 2701371
Conc: 17.71 ug/ml



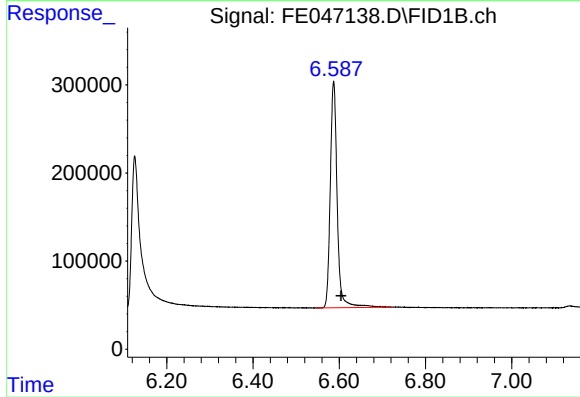
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.020 min
Response: 2849937
Conc: 18.40 ug/ml



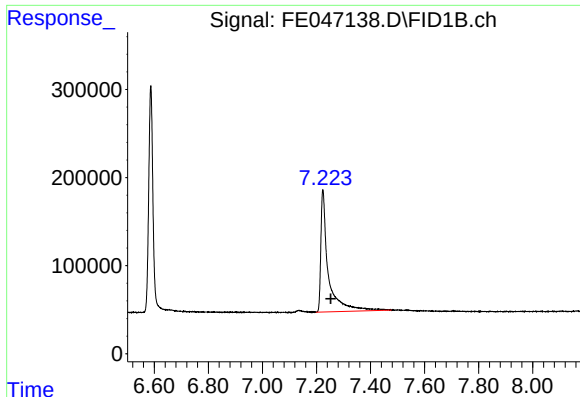
#3 A~Naphthalene (C11.7)

R.T.: 6.126 min
Delta R.T.: -0.025 min
Response: 2836035
Conc: 18.01 ug/ml



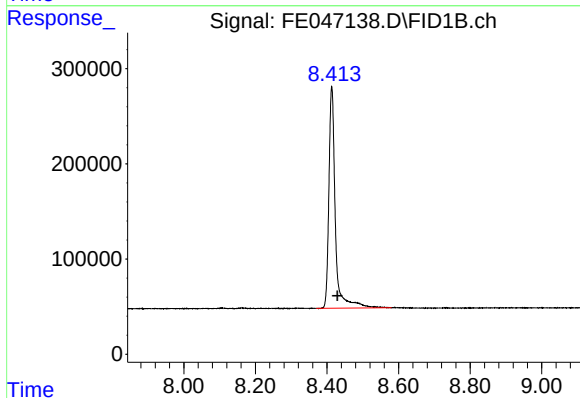
#4 n-Dodecane (C12)

R.T.: 6.587 min
Delta R.T.: -0.017 min
Response: 2864610
Conc: 18.42 ug/ml



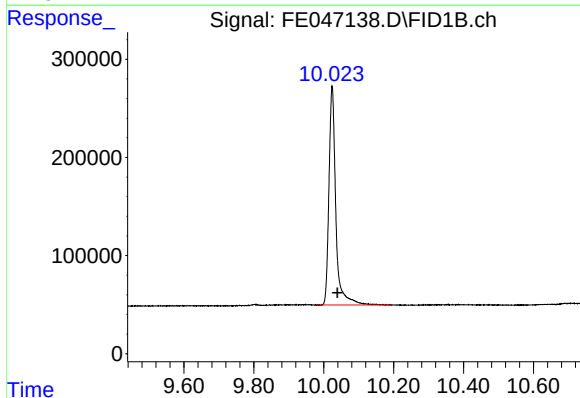
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.224 min
Delta R.T.: -0.029 min
Response: 2663571
Conc: 18.57 ug/ml



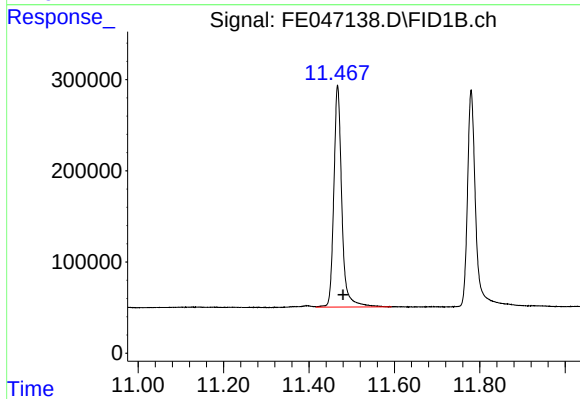
#6 n-Tetradecane (C14)

R.T.: 8.413 min
Delta R.T.: -0.016 min
Response: 2914497
Conc: 18.90 ug/ml



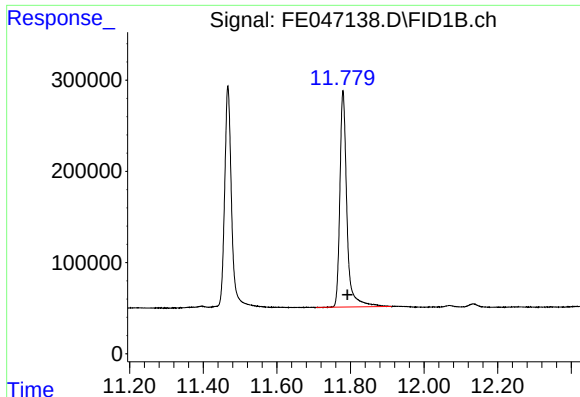
#7 n-Hexadecane (C16)

R.T.: 10.024 min
Delta R.T.: -0.015 min
Response: 3040384
Conc: 19.16 ug/ml



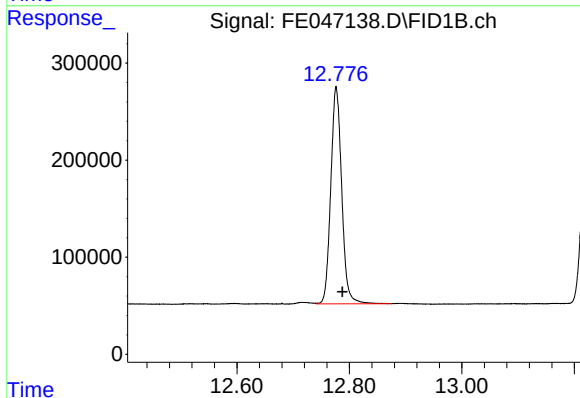
#8 n-Octadecane (C18)

R.T.: 11.467 min
Delta R.T.: -0.013 min
Response: 3169846
Conc: 19.88 ug/ml



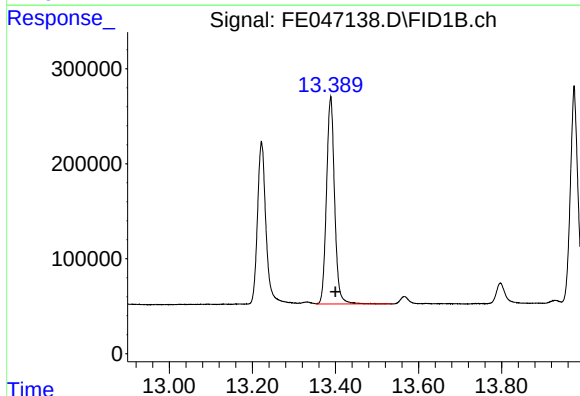
#9 ortho-Terphenyl (SURR)

R.T.: 11.780 min
Delta R.T.: -0.012 min
Response: 3144912
Conc: 19.14 ug/ml



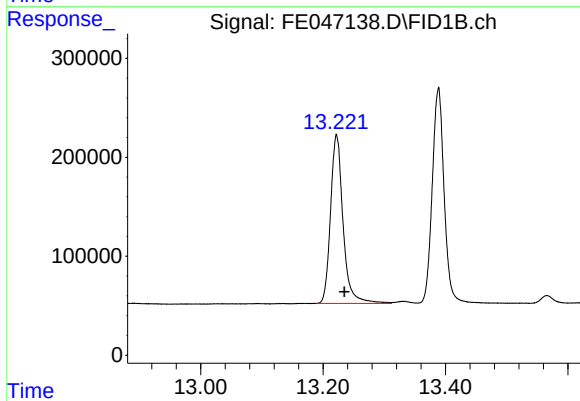
#10 n-Eicosane (C20)

R.T.: 12.776 min
Delta R.T.: -0.011 min
Response: 3012246
Conc: 19.90 ug/ml



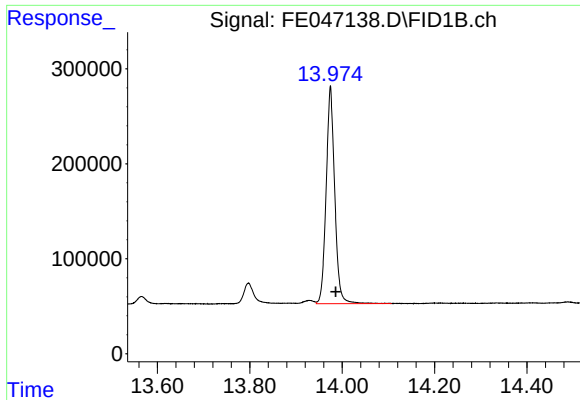
#11 n-Heneicosane (C21)

R.T.: 13.389 min
Delta R.T.: -0.011 min
Response: 2947783
Conc: 19.91 ug/ml



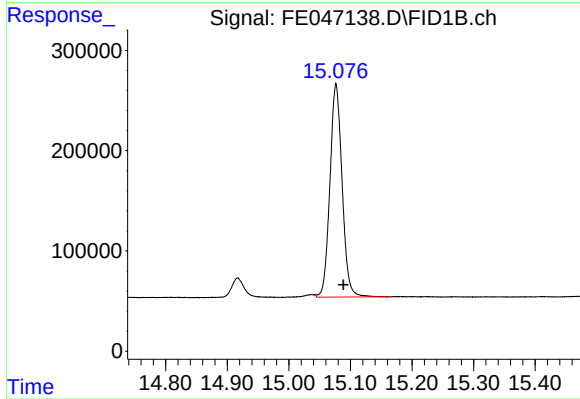
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min
Delta R.T.: -0.013 min
Response: 2427018
Conc: 19.72 ug/ml



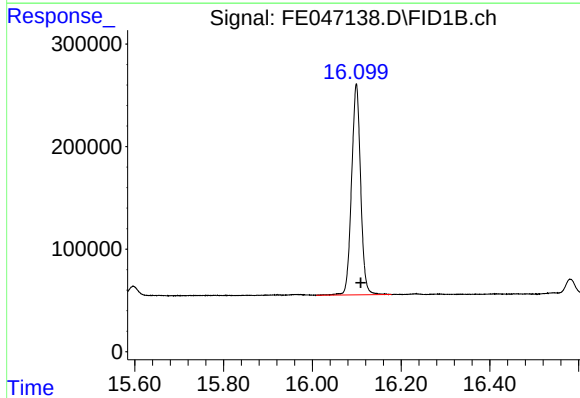
#13 n-Docosane (C22)

R.T.: 13.975 min
Delta R.T.: -0.011 min
Response: 2943761
Conc: 20.23 ug/ml



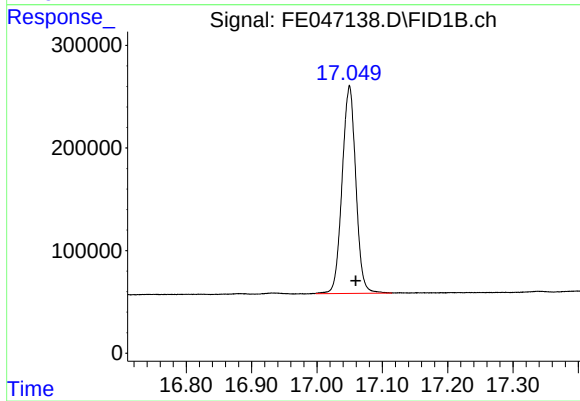
#14 n-Tetracosane (C24)

R.T.: 15.077 min
Delta R.T.: -0.012 min
Response: 2921414
Conc: 20.46 ug/ml



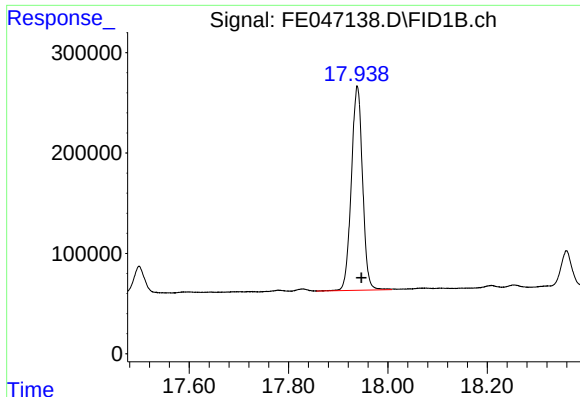
#15 n-Hexacosane (C26)

R.T.: 16.099 min
Delta R.T.: -0.010 min
Response: 2917591
Conc: 20.88 ug/ml



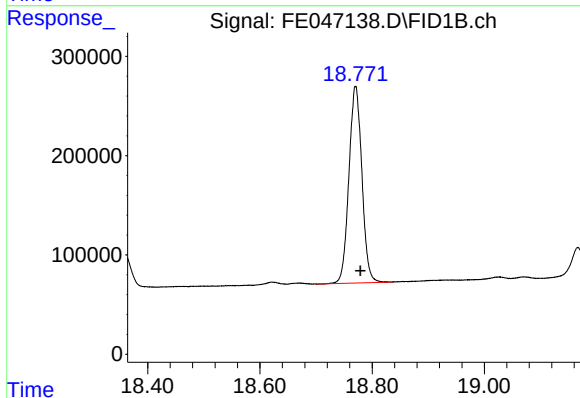
#16 n-Octacosane (C28)

R.T.: 17.049 min
Delta R.T.: -0.010 min
Response: 2954595
Conc: 21.69 ug/ml m



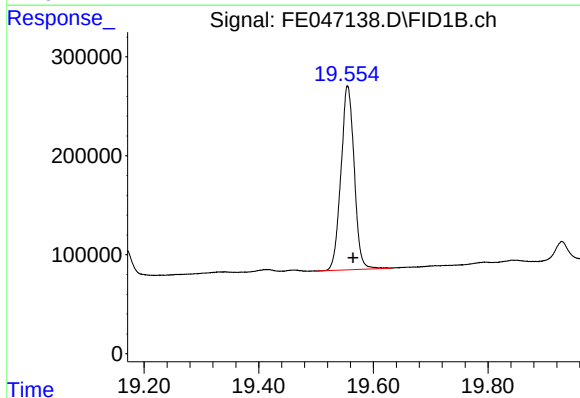
#17 n-Tricontane (C30)

R.T.: 17.939 min
Delta R.T.: -0.008 min
Response: 3181562
Conc: 22.80 ug/ml



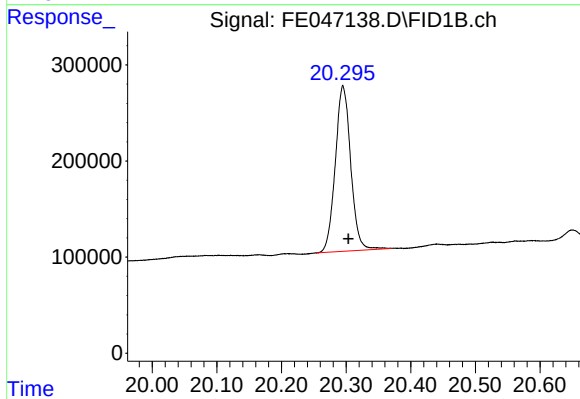
#18 n-Dotriacontane (C32)

R.T.: 18.770 min
Delta R.T.: -0.009 min
Response: 3186164
Conc: 23.15 ug/ml



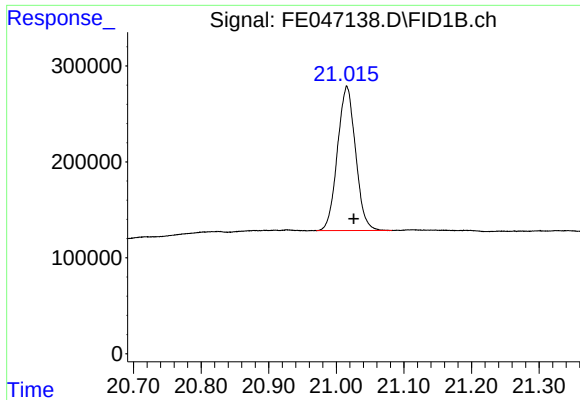
#19 n-Tetratriacontane (C34)

R.T.: 19.555 min
Delta R.T.: -0.010 min
Response: 2980023
Conc: 22.18 ug/ml



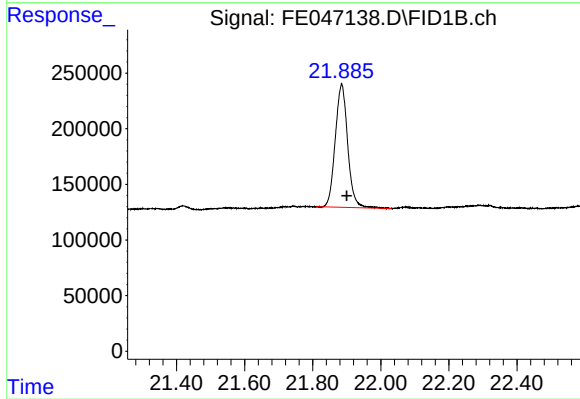
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min
Delta R.T.: -0.008 min
Response: 2852623
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: -0.010 min
Response: 2796327
Conc: 20.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: -0.015 min
Response: 2809957
Conc: 19.92 ug/ml