

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101323AL\
 Data File : FE044831.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2023 07:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 07:42:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.909	3624314	18.080 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
12) S 1-chlorooctadecane (S...	13.352	2661223	17.983 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.292	3084423	18.387 ug/ml
2) T n-Decane (C10)	4.543	3130667	18.378 ug/ml
3) T A~Naphthalene (C11.7)	6.244	3401258	18.373 ug/ml
4) T n-Dodecane (C12)	6.709	3160278	18.308 ug/ml
5) T A~2-methylnaphthalene...	7.340	3293078	18.255 ug/ml
6) T n-Tetradecane (C14)	8.537	3130912	18.258 ug/ml
7) T n-Hexadecane (C16)	10.147	3168194	18.118 ug/ml
8) T n-Octadecane (C18)	11.594	3152667	18.076 ug/ml
10) T n-Eicosane (C20)	12.906	3010100	18.021 ug/ml
11) T n-Heneicosane (C21)	13.519	2936956	18.017 ug/ml
13) T n-Docosane (C22)	14.107	2880425	18.008 ug/ml
14) T n-Tetracosane (C24)	15.212	2800826	18.047 ug/ml
15) T n-Hexacosane (C26)	16.235	2717616	18.101 ug/ml
16) T n-Octacosane (C28)	17.188	2661104	18.122 ug/ml
17) T n-Tricontane (C30)	18.075	2701342	18.163 ug/ml
18) T n-Dotriacontane (C32)	18.910	2844866	18.954 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2708885	18.197 ug/mlm
20) T n-Hexatriacontane (C36)	20.437	2790815	18.153 ug/ml
21) T n-Octatriacontane (C38)	21.179	2814908	18.020 ug/ml
22) T n-Tetracontane (C40)	22.100	3005941	17.986 ug/ml

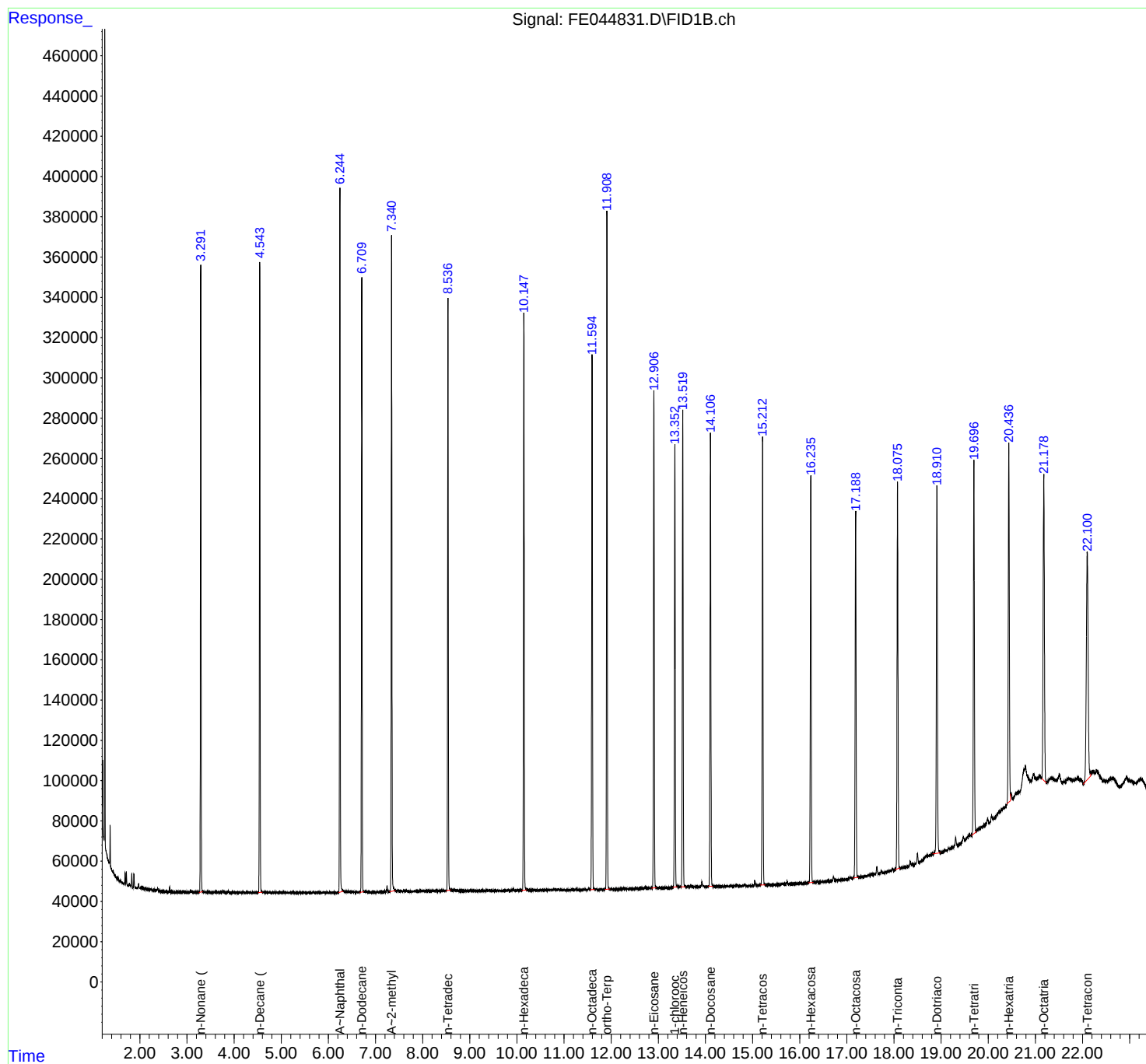
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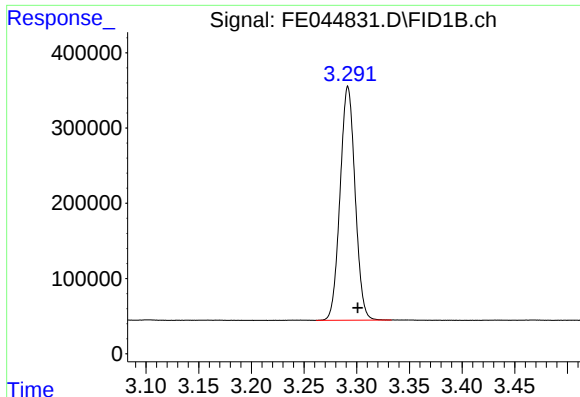
(m)=manual int.

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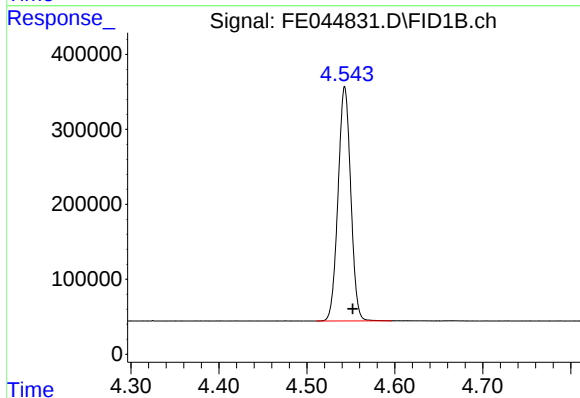
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Signal Info : 20M x 0.18mm x 0.18um





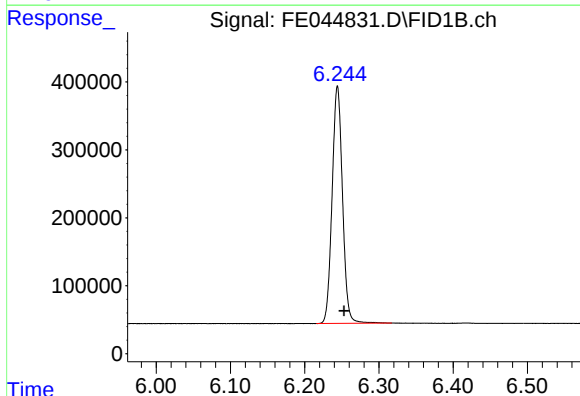
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.009 min
Response: 3084423
Conc: 18.39 ug/ml



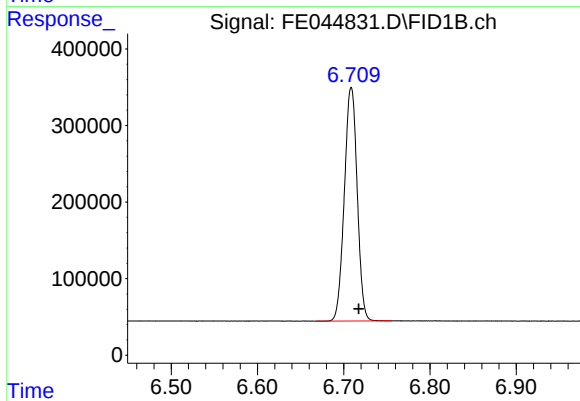
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 3130667
Conc: 18.38 ug/ml



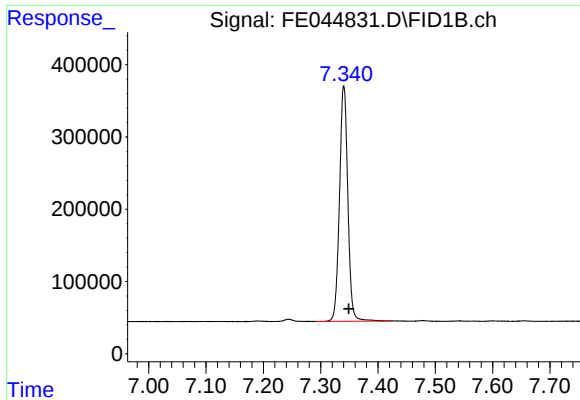
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.009 min
Response: 3401258
Conc: 18.37 ug/ml



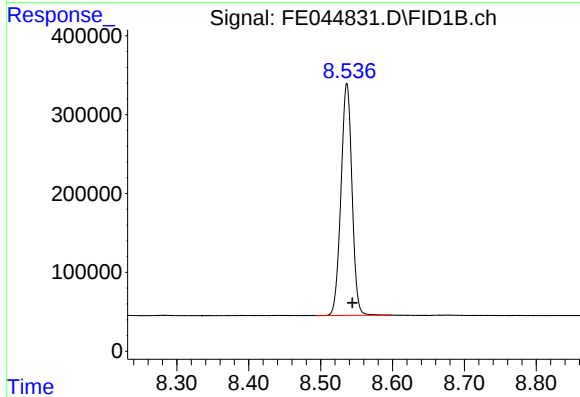
#4 n-Dodecane (C12)

R.T.: 6.709 min
Delta R.T.: -0.009 min
Response: 3160278
Conc: 18.31 ug/ml



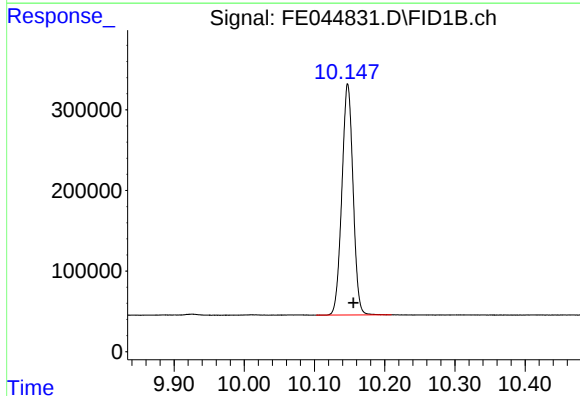
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.008 min
Response: 3293078
Conc: 18.26 ug/ml



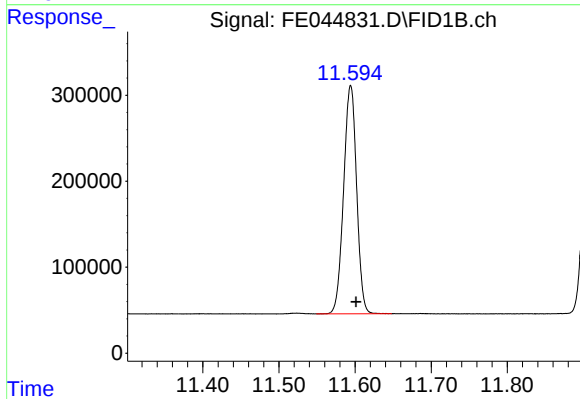
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.008 min
Response: 3130912
Conc: 18.26 ug/ml



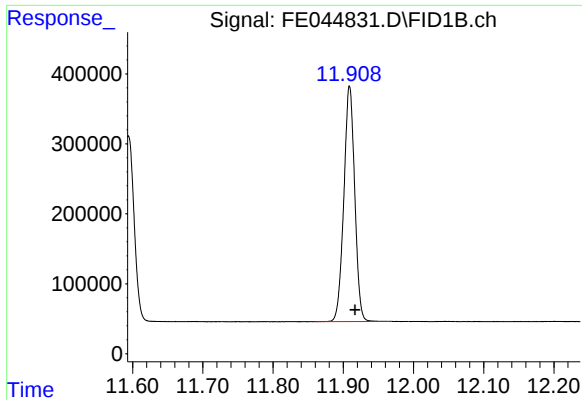
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.008 min
Response: 3168194
Conc: 18.12 ug/ml



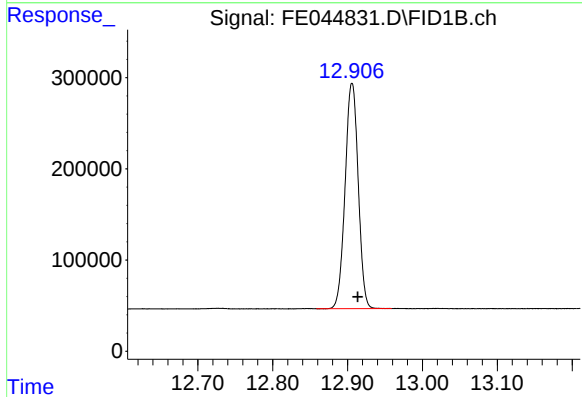
#8 n-Octadecane (C18)

R.T.: 11.594 min
Delta R.T.: -0.007 min
Response: 3152667
Conc: 18.08 ug/ml



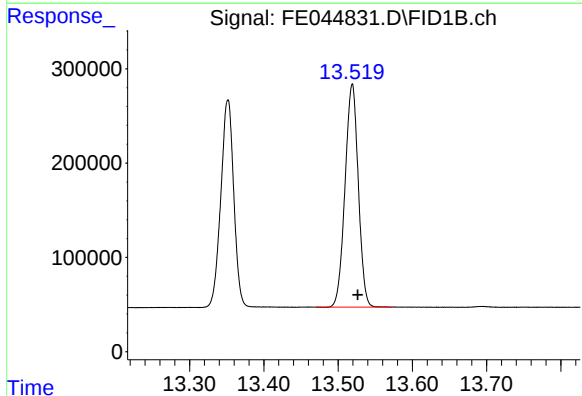
#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.008 min
Response: 3624314
Conc: 18.08 ug/ml



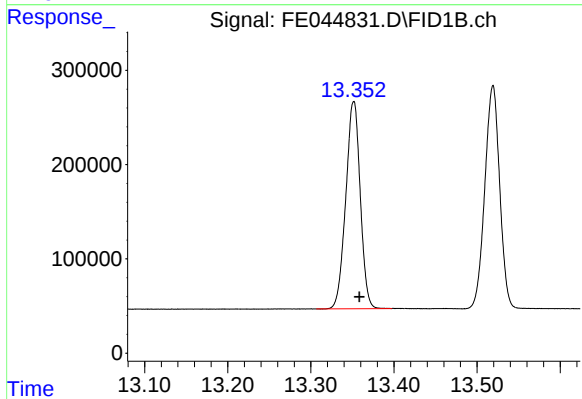
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.007 min
Response: 3010100
Conc: 18.02 ug/ml



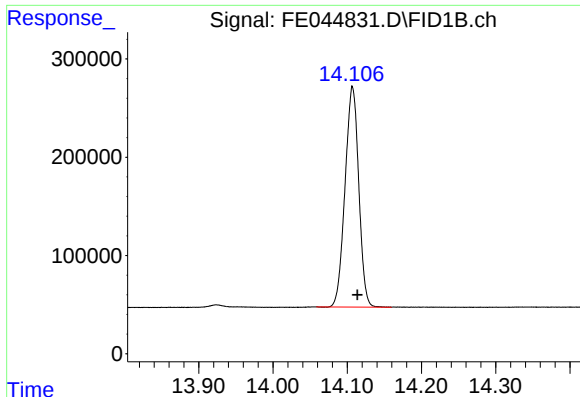
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.007 min
Response: 2936956
Conc: 18.02 ug/ml



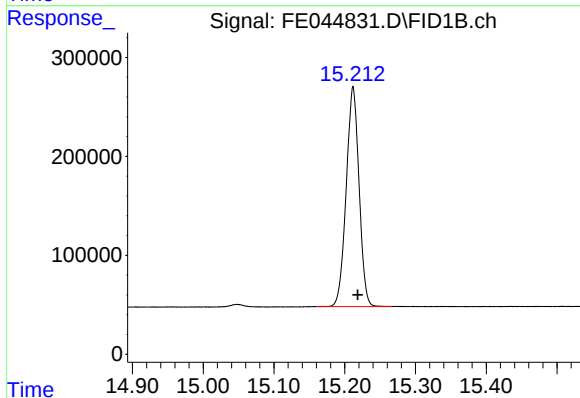
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.007 min
Response: 2661223
Conc: 17.98 ug/ml



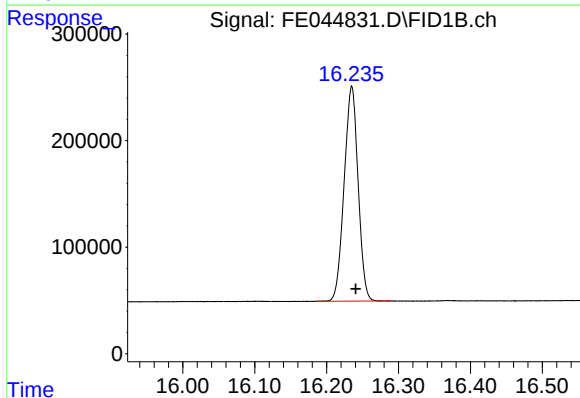
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.007 min
Response: 2880425
Conc: 18.01 ug/ml



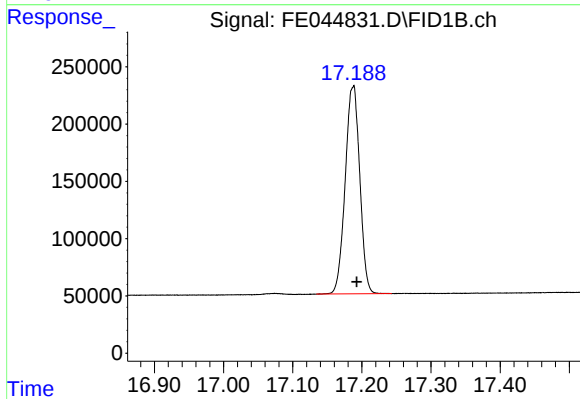
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.007 min
Response: 2800826
Conc: 18.05 ug/ml



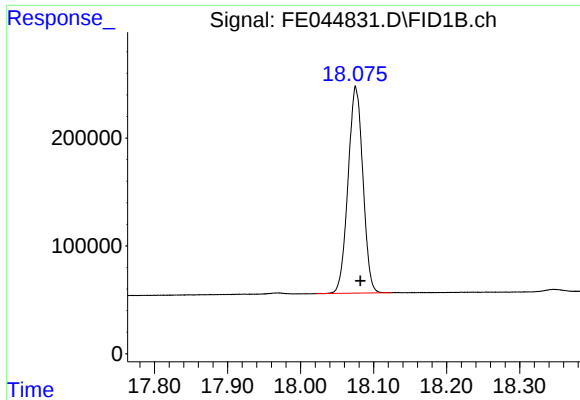
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.005 min
Response: 2717616
Conc: 18.10 ug/ml



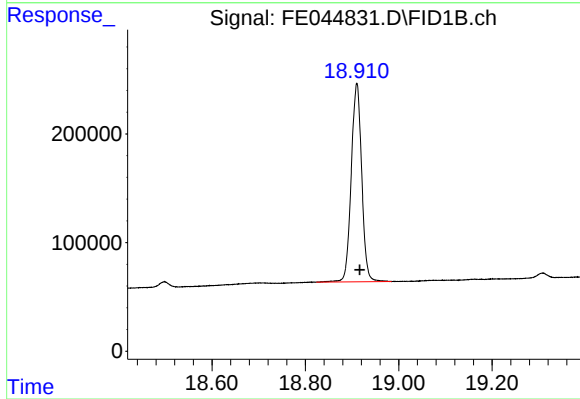
#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: -0.005 min
Response: 2661104
Conc: 18.12 ug/ml



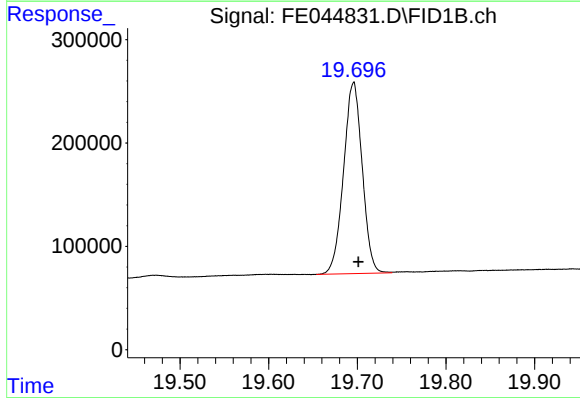
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.006 min
Response: 2701342
Conc: 18.16 ug/ml



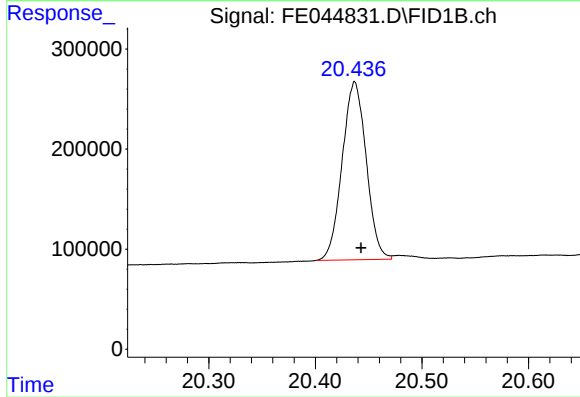
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.006 min
Response: 2844866
Conc: 18.95 ug/ml



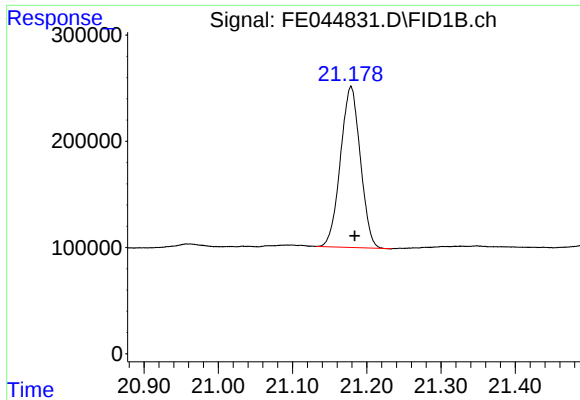
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.005 min
Response: 2708885
Conc: 18.20 ug/ml m



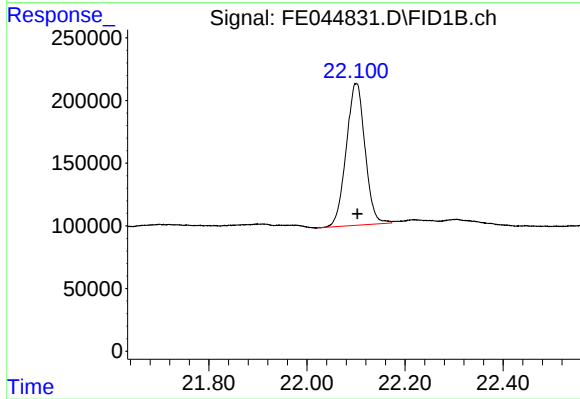
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.006 min
Response: 2790815
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.005 min
Response: 2814908
Conc: 18.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.003 min
Response: 3005941
Conc: 17.99 ug/ml