

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120823AL\
 Data File : FE045731.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2023 13:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 22:42:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.860	3993365	19.096 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	13.303	2960119	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.244	3108469	19.602 ug/ml
2) T n-Decane (C10)	4.496	3274558	20.449 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3557908	20.425 ug/ml
4) T n-Dodecane (C12)	6.662	3318444	20.544 ug/ml
5) T A~2-methylnaphthalene...	7.293	3478908	20.486 ug/ml
6) T n-Tetradecane (C14)	8.490	3321087	20.702 ug/ml
7) T n-Hexadecane (C16)	10.101	3412317	20.607 ug/ml
8) T n-Octadecane (C18)	11.547	3432460	20.020 ug/ml
10) T n-Eicosane (C20)	12.858	3317674	19.175 ug/ml
11) T n-Heneicosane (C21)	13.471	3231394	18.784 ug/ml
13) T n-Docosane (C22)	14.059	3214372	18.642 ug/ml
14) T n-Tetracosane (C24)	15.163	3214631	18.414 ug/ml
15) T n-Hexacosane (C26)	16.187	3155020	18.116 ug/ml
16) T n-Octacosane (C28)	17.139	3210511	18.576 ug/mlm
17) T n-Tricontane (C30)	18.029	3435769	19.639 ug/ml
18) T n-Dotriacontane (C32)	18.866	3455423	18.941 ug/ml
19) T n-Tetratriacontane (C34)	19.652	3313580	19.970 ug/ml
20) T n-Hexatriacontane (C36)	20.394	3143155	19.801 ug/mlm
21) T n-Octatriacontane (C38)	21.131	3155116	20.119 ug/ml
22) T n-Tetracontane (C40)	22.041	3145586	22.134 ug/ml

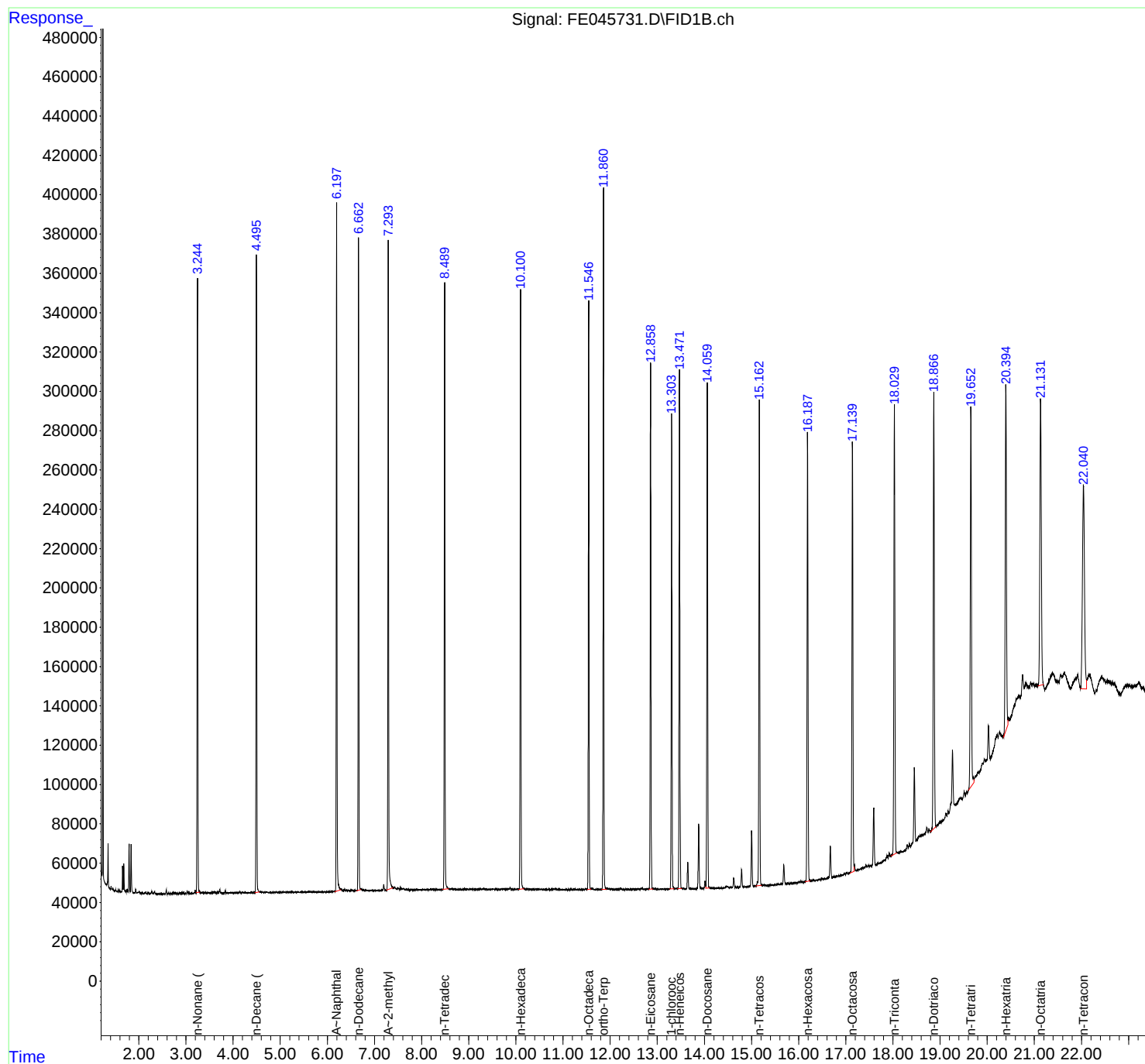
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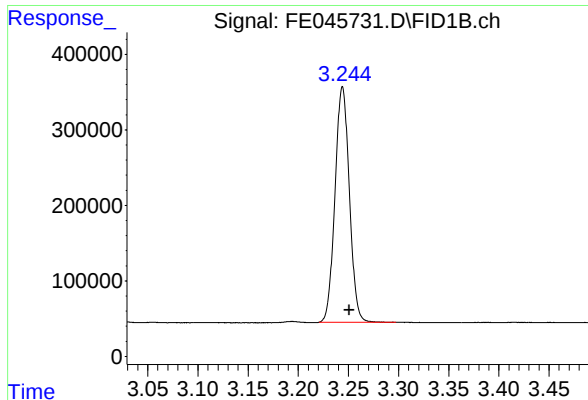
(m)=manual int.

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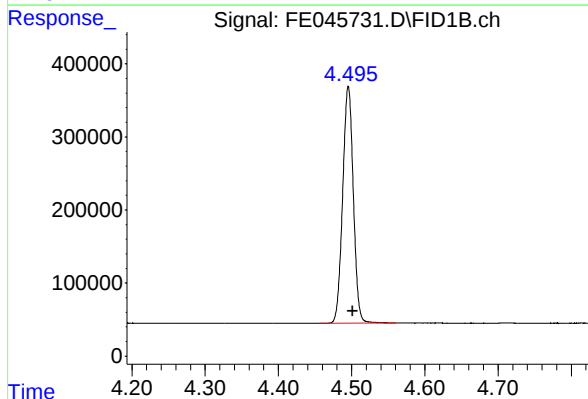
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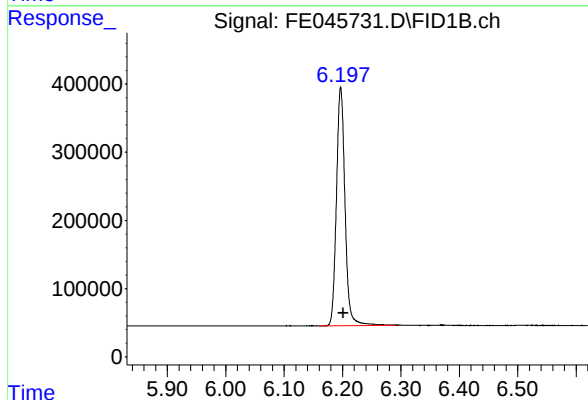
#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: -0.007 min
Response: 3108469
Conc: 19.60 ug/ml



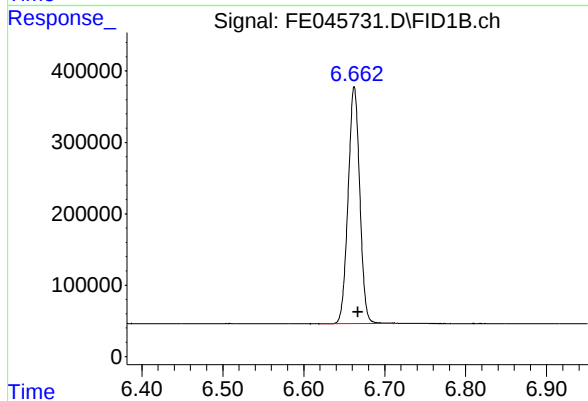
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.006 min
Response: 3274558
Conc: 20.45 ug/ml



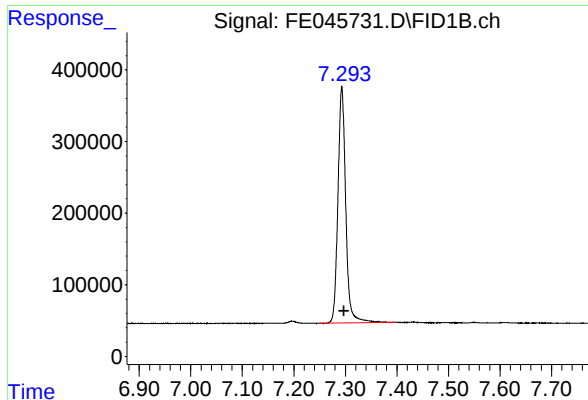
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.004 min
Response: 3557908
Conc: 20.42 ug/ml



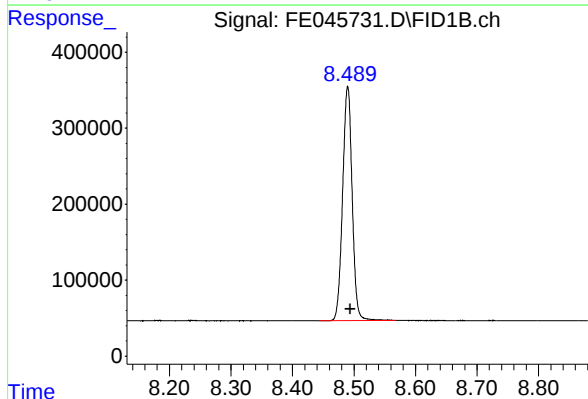
#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 3318444
Conc: 20.54 ug/ml



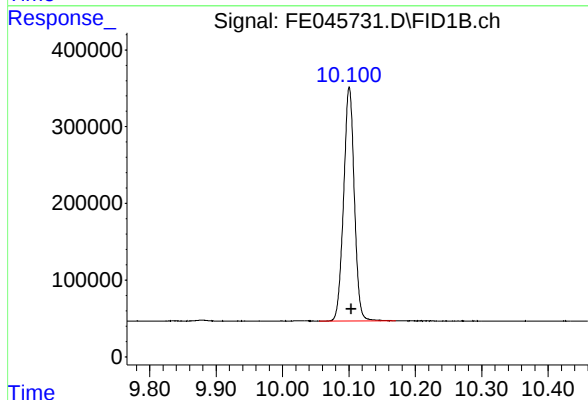
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 3478908
Conc: 20.49 ug/ml



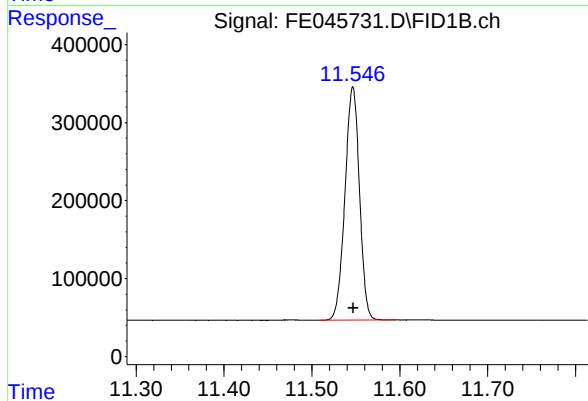
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 3321087
Conc: 20.70 ug/ml



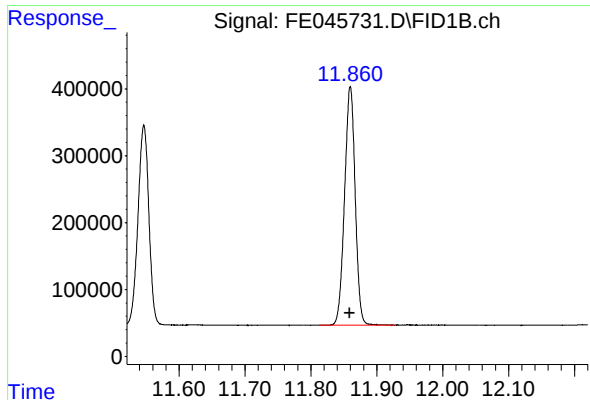
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.003 min
Response: 3412317
Conc: 20.61 ug/ml



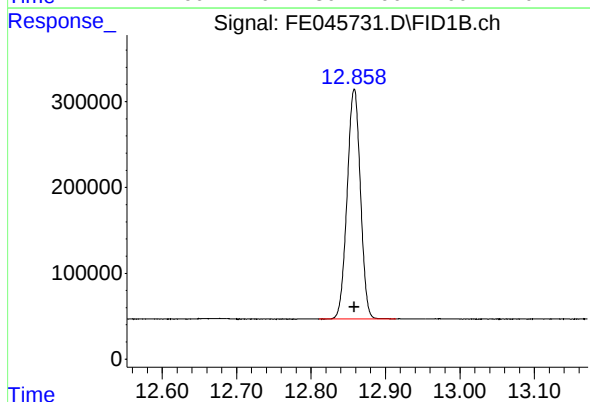
#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3432460
Conc: 20.02 ug/ml



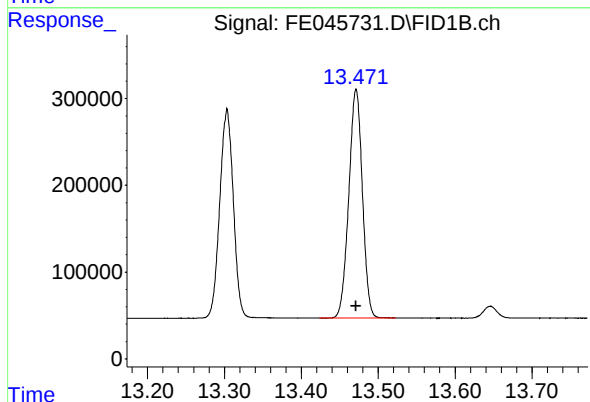
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: 0.000 min
Response: 3993365
Conc: 19.10 ug/ml



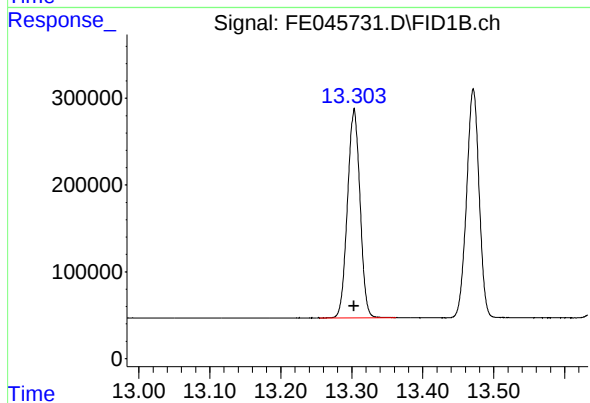
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 3317674
Conc: 19.17 ug/ml



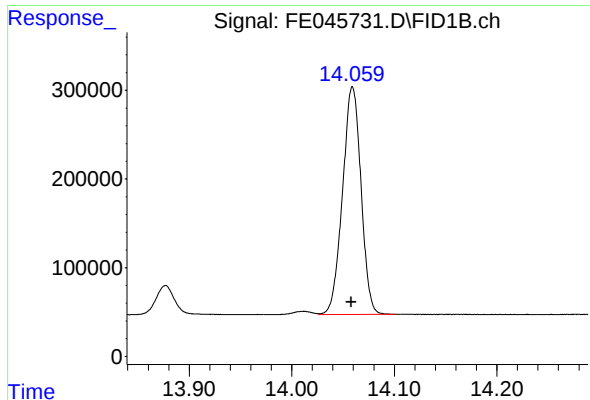
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: 0.000 min
Response: 3231394
Conc: 18.78 ug/ml



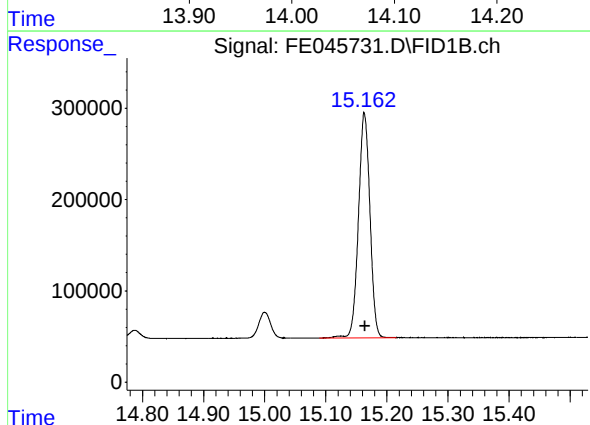
#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2960119
Conc: 18.81 ug/ml



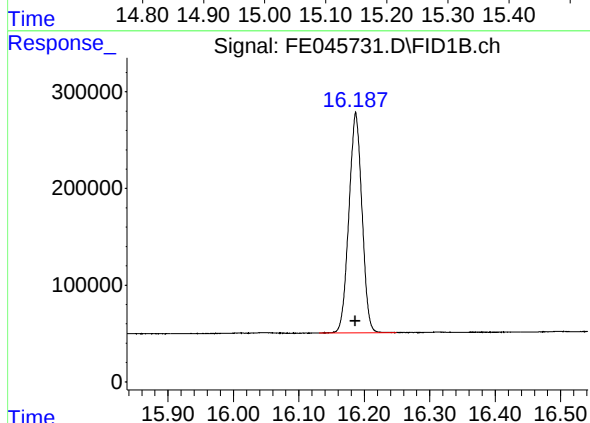
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.001 min
Response: 3214372
Conc: 18.64 ug/ml



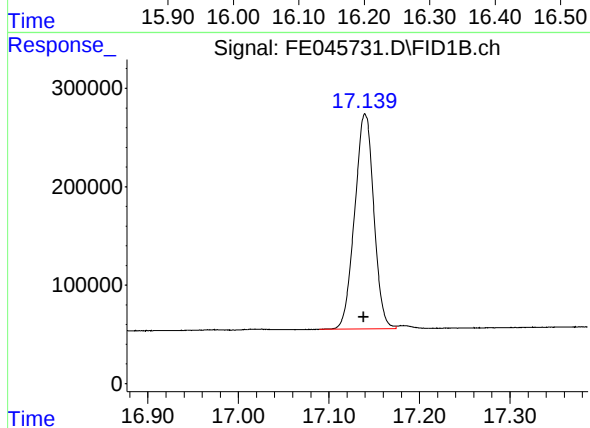
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 3214631
Conc: 18.41 ug/ml



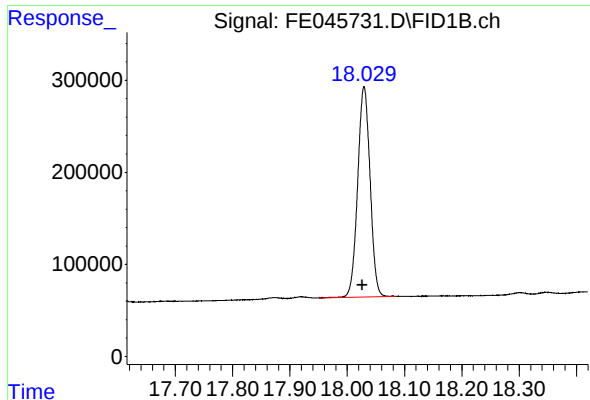
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.000 min
Response: 3155020
Conc: 18.12 ug/ml



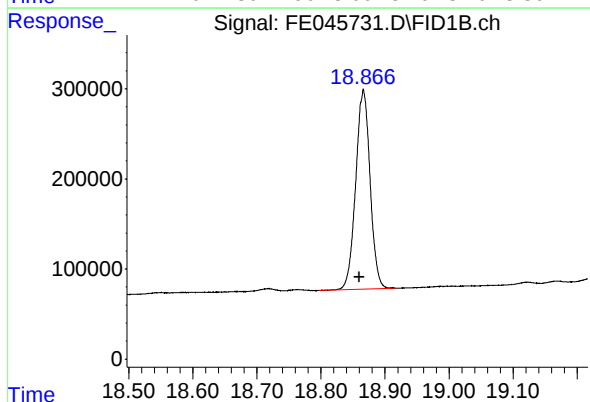
#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.001 min
Response: 3210511
Conc: 18.58 ug/ml m



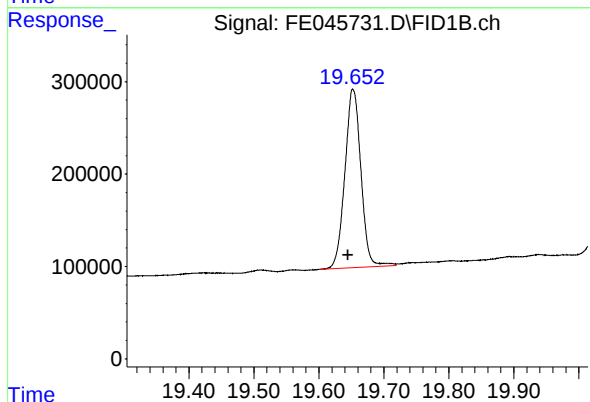
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: 0.003 min
Response: 3435769
Conc: 19.64 ug/ml



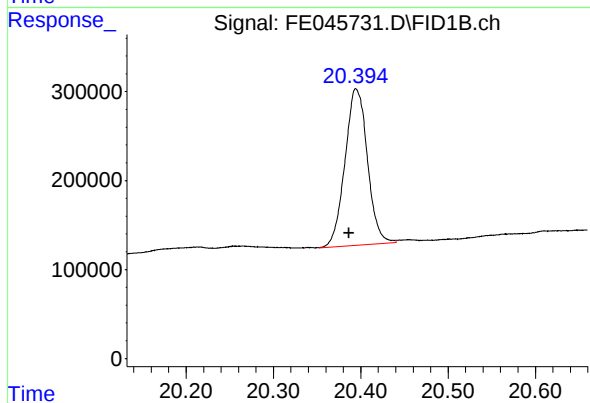
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.006 min
Response: 3455423
Conc: 18.94 ug/ml



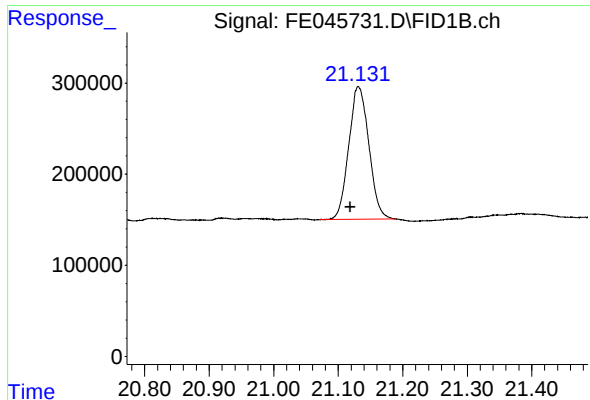
#19 n-Tetatriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.008 min
Response: 3313580
Conc: 19.97 ug/ml



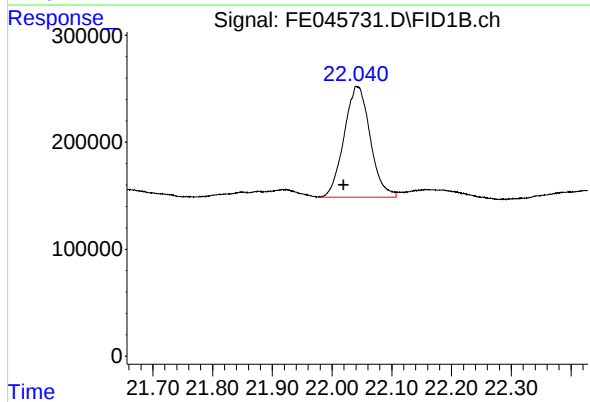
#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.008 min
Response: 3143155
Conc: 19.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: 0.012 min
Response: 3155116
Conc: 20.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: 0.022 min
Response: 3145586
Conc: 22.13 ug/ml