

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020724AL\
 Data File : FE046630.D
 Signal(s) : FID1B.ch
 Acq On : 07 Feb 2024 07:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 07 11:41:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.810	3318398	17.946 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
12) S 1-chlorooctadecane (S...	13.252	2505773	17.612 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
Target Compounds			
1) T n-Nonane (C9)	3.201	3178749	19.679 ug/mlm
2) T n-Decane (C10)	4.451	3270160	19.954 ug/ml
3) T A~Naphthalene (C11.7)	6.156	3350474	19.594 ug/ml
4) T n-Dodecane (C12)	6.619	3271169	19.776 ug/ml
5) T A~2-methylnaphthalene...	7.252	3108248	19.489 ug/ml
6) T n-Tetradecane (C14)	8.444	3197024	19.506 ug/ml
7) T n-Hexadecane (C16)	10.054	3244134	18.985 ug/ml
8) T n-Octadecane (C18)	11.497	3239081	18.579 ug/ml
10) T n-Eicosane (C20)	12.807	3040829	17.910 ug/ml
11) T n-Heneicosane (C21)	13.419	2960903	17.752 ug/ml
13) T n-Docosane (C22)	14.005	2924867	17.655 ug/ml
14) T n-Tetracosane (C24)	15.110	2889491	17.512 ug/ml
15) T n-Hexacosane (C26)	16.131	2828208	17.523 ug/ml
16) T n-Octacosane (C28)	17.082	2798061	17.824 ug/ml
17) T n-Tricontane (C30)	17.969	2841335	18.140 ug/ml
18) T n-Dotriacontane (C32)	18.804	2773483	18.348 ug/ml
19) T n-Tetratriacontane (C34)	19.590	2636886	18.591 ug/ml
20) T n-Hexatriacontane (C36)	20.331	2614011	18.964 ug/ml
21) T n-Octatriacontane (C38)	21.058	2721063	21.226 ug/ml
22) T n-Tetracontane (C40)	21.942	2569317	20.549 ug/mlm

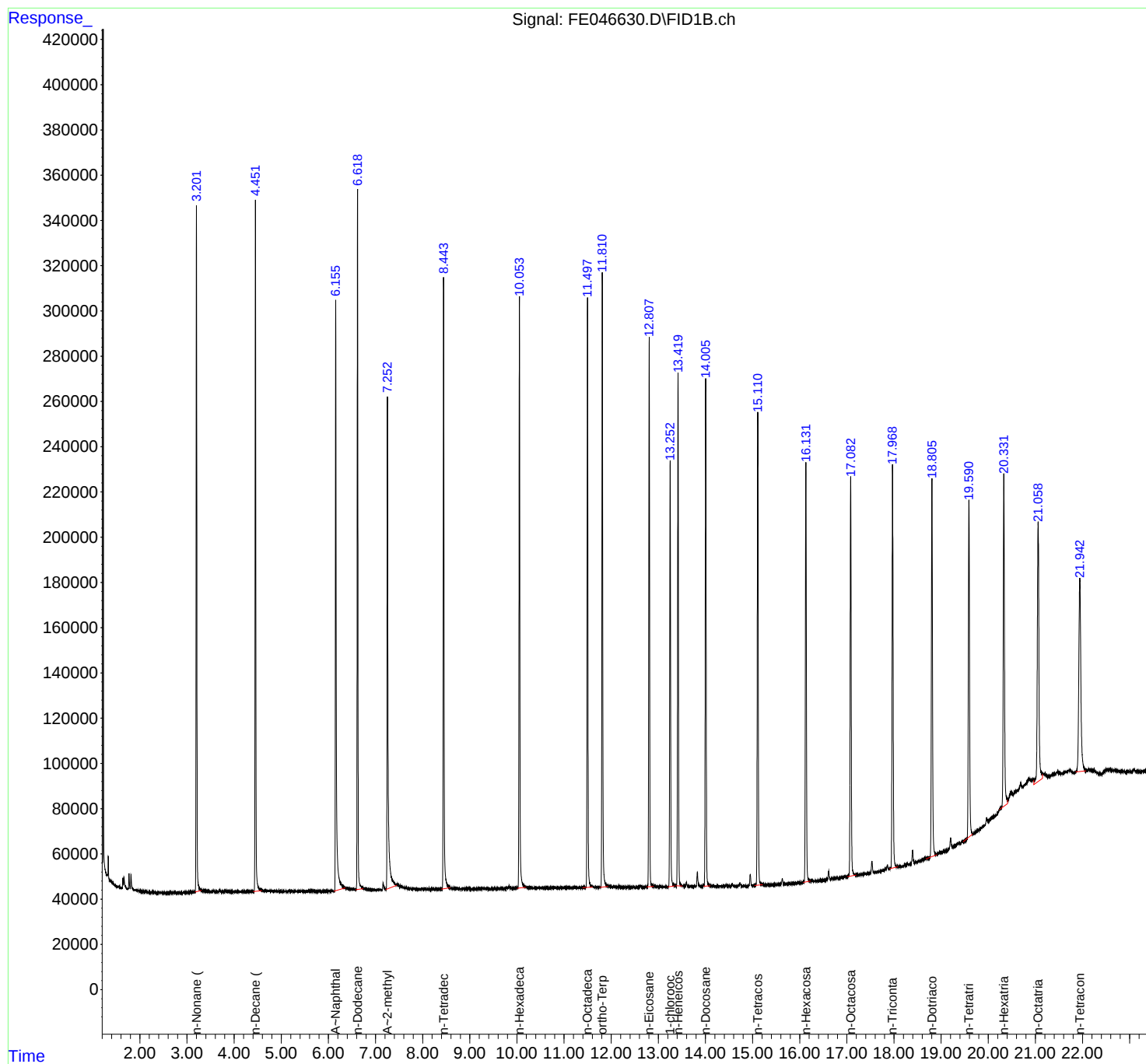
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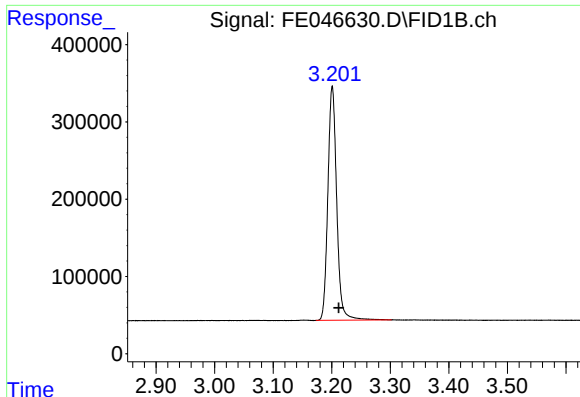
(m)=manual int.

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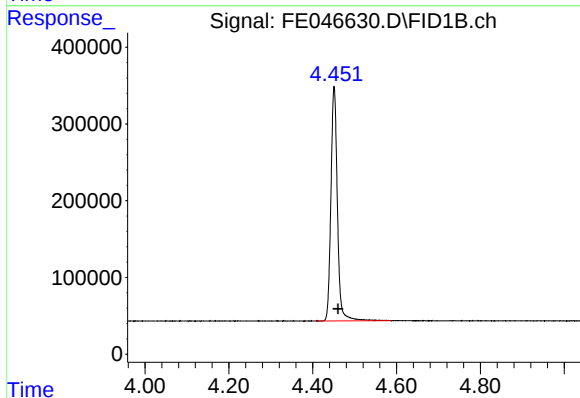
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Signal Info : 20M x 0.18mm x 0.18um





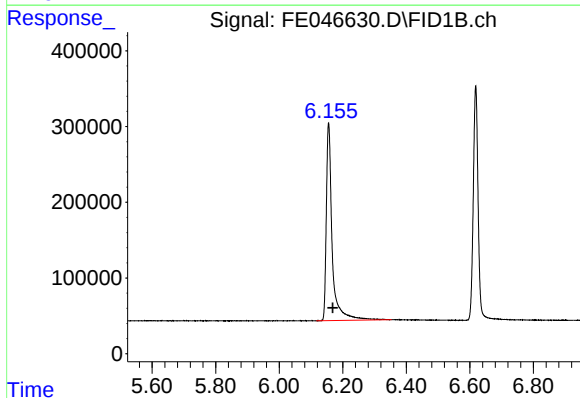
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: -0.011 min
Response: 3178749
Conc: 19.68 ug/ml m



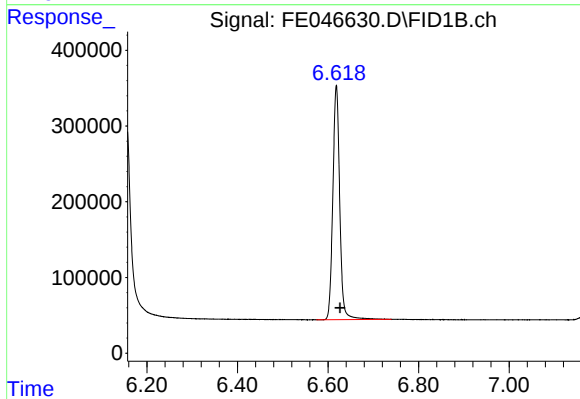
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.010 min
Response: 3270160
Conc: 19.95 ug/ml



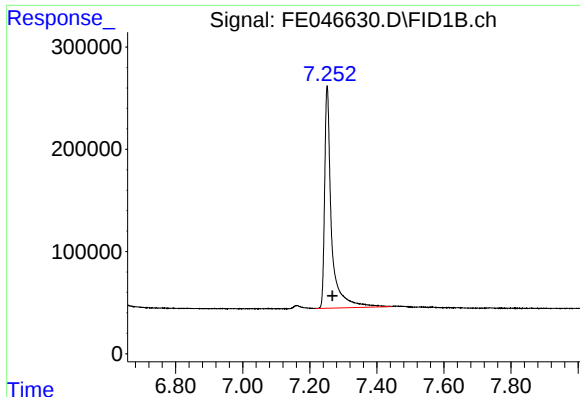
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: -0.013 min
Response: 3350474
Conc: 19.59 ug/ml



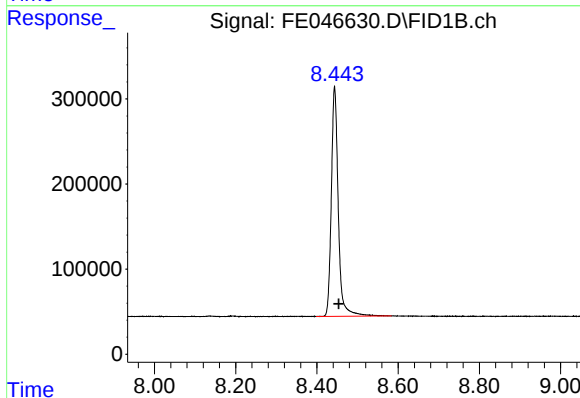
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 3271169
Conc: 19.78 ug/ml



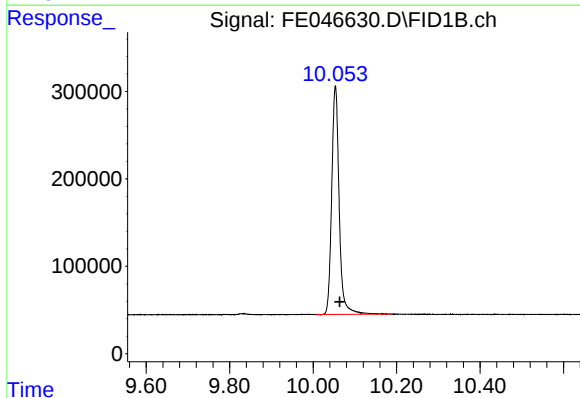
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.015 min
Response: 3108248
Conc: 19.49 ug/ml



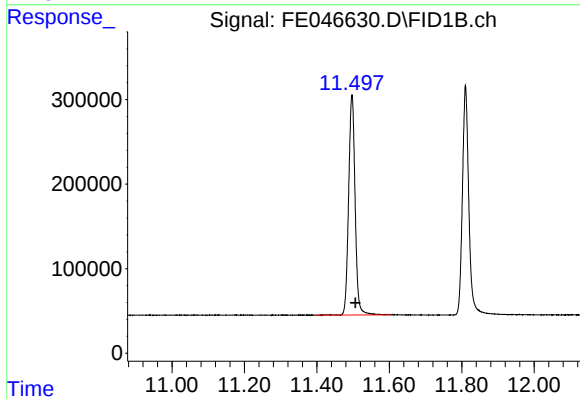
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: -0.010 min
Response: 3197024
Conc: 19.51 ug/ml



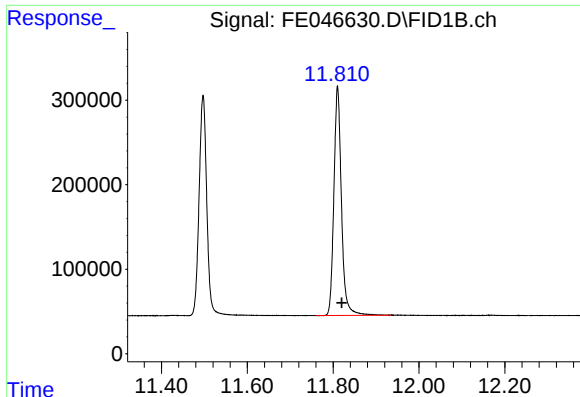
#7 n-Hexadecane (C16)

R.T.: 10.054 min
Delta R.T.: -0.011 min
Response: 3244134
Conc: 18.98 ug/ml



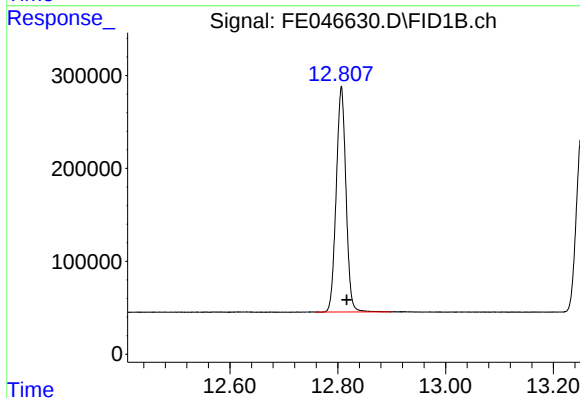
#8 n-Octadecane (C18)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 3239081
Conc: 18.58 ug/ml



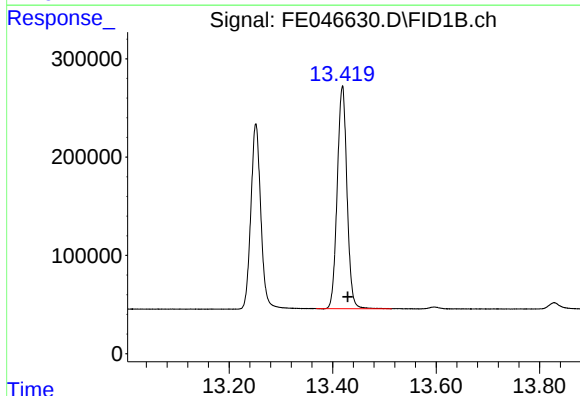
#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min
Delta R.T.: -0.010 min
Response: 3318398
Conc: 17.95 ug/ml



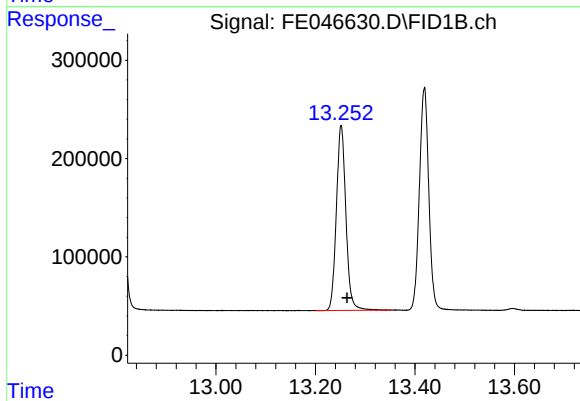
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: -0.010 min
Response: 3040829
Conc: 17.91 ug/ml



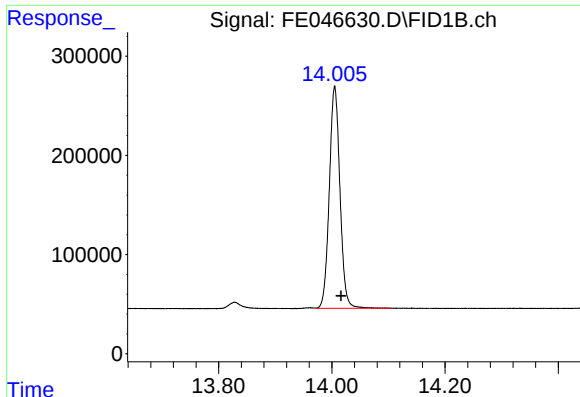
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: -0.010 min
Response: 2960903
Conc: 17.75 ug/ml



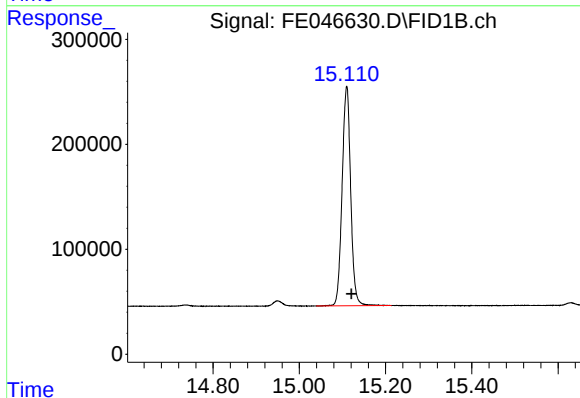
#12 1-chlorooctadecane (SURR)

R.T.: 13.252 min
Delta R.T.: -0.012 min
Response: 2505773
Conc: 17.61 ug/ml



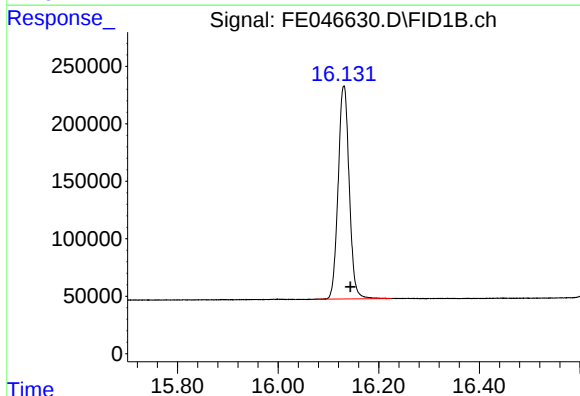
#13 n-Docosane (C22)

R.T.: 14.005 min
Delta R.T.: -0.011 min
Response: 2924867
Conc: 17.66 ug/ml



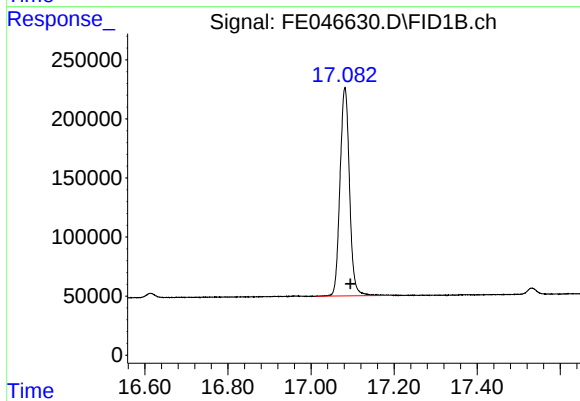
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.011 min
Response: 2889491
Conc: 17.51 ug/ml



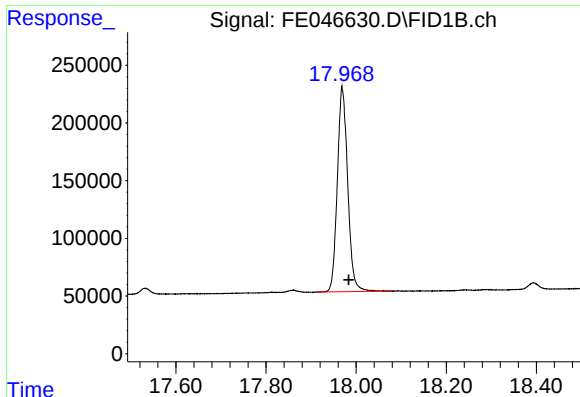
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.013 min
Response: 2828208
Conc: 17.52 ug/ml



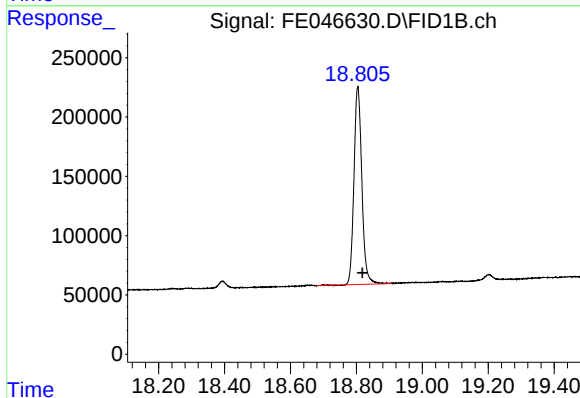
#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.013 min
Response: 2798061
Conc: 17.82 ug/ml



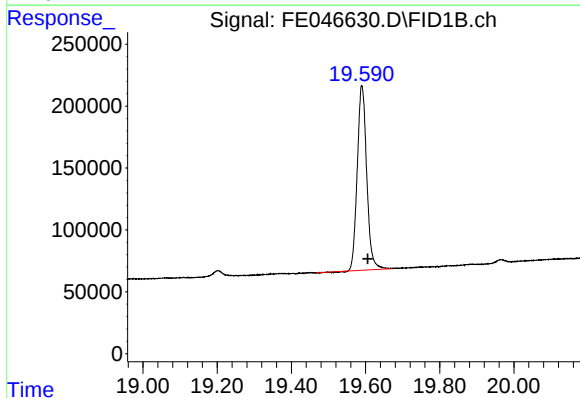
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: -0.015 min
Response: 2841335
Conc: 18.14 ug/ml



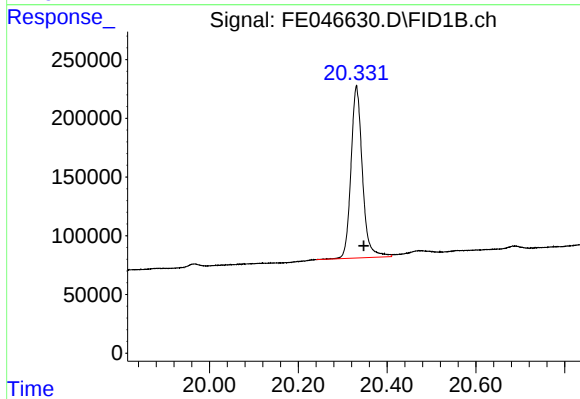
#18 n-Dotriacontane (C32)

R.T.: 18.804 min
Delta R.T.: -0.015 min
Response: 2773483
Conc: 18.35 ug/ml



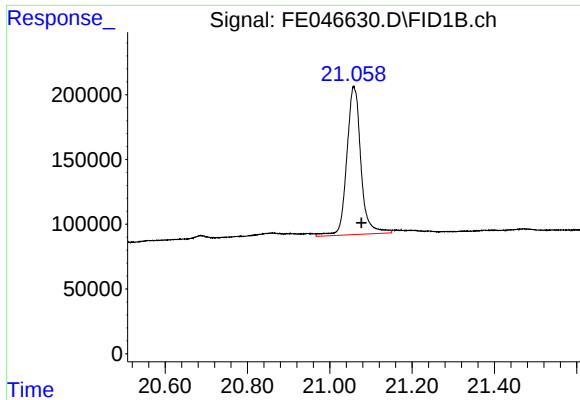
#19 n-Tetratriacontane (C34)

R.T.: 19.590 min
Delta R.T.: -0.016 min
Response: 2636886
Conc: 18.59 ug/ml



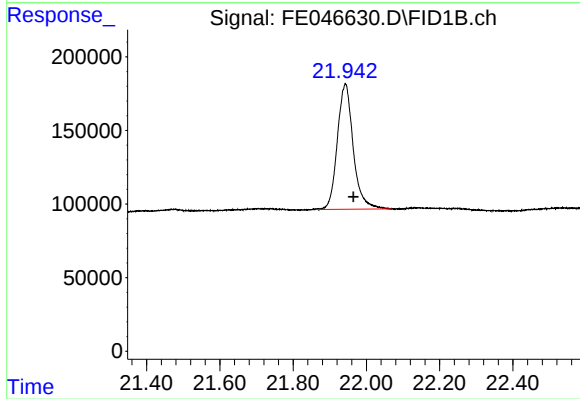
#20 n-Hexatriacontane (C36)

R.T.: 20.331 min
Delta R.T.: -0.017 min
Response: 2614011
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.018 min
Response: 2721063
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 2569317
Conc: 20.55 ug/ml m