

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020724AL\
 Data File : FE046635.D
 Signal(s) : FID1B.ch
 Acq On : 07 Feb 2024 12:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 08 01:46:40 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)	11.809	3289770	17.791 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
12) S 1-chlorooctadecane (S...	13.251	2495675	17.541 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
Target Compounds			
1) T n-Nonane (C9)	3.199	3073750	19.029 ug/mlm
2) T n-Decane (C10)	4.450	3151303	19.229 ug/ml
3) T A~Naphthalene (C11.7)	6.155	3267209	19.107 ug/ml
4) T n-Dodecane (C12)	6.618	3179115	19.219 ug/ml
5) T A~2-methylnaphthalene...	7.252	3024078	18.961 ug/ml
6) T n-Tetradecane (C14)	8.443	3118599	19.028 ug/ml
7) T n-Hexadecane (C16)	10.052	3188930	18.662 ug/ml
8) T n-Octadecane (C18)	11.496	3190572	18.301 ug/ml
10) T n-Eicosane (C20)	12.805	3012545	17.743 ug/ml
11) T n-Heneicosane (C21)	13.418	2935945	17.603 ug/ml
13) T n-Docosane (C22)	14.004	2922332	17.640 ug/ml
14) T n-Tetracosane (C24)	15.109	2884222	17.480 ug/ml
15) T n-Hexacosane (C26)	16.131	2828397	17.524 ug/ml
16) T n-Octacosane (C28)	17.081	2788793	17.765 ug/ml
17) T n-Tricontane (C30)	17.972	2847116	18.177 ug/ml
18) T n-Dotriacontane (C32)	18.804	2780748	18.396 ug/ml
19) T n-Tetratriacontane (C34)	19.589	2660766	18.760 ug/ml
20) T n-Hexatriacontane (C36)	20.330	2558095	18.558 ug/ml
21) T n-Octatriacontane (C38)	21.055	2472251	19.285 ug/mlm
22) T n-Tetracontane (C40)	21.940	2494475	19.950 ug/mlm

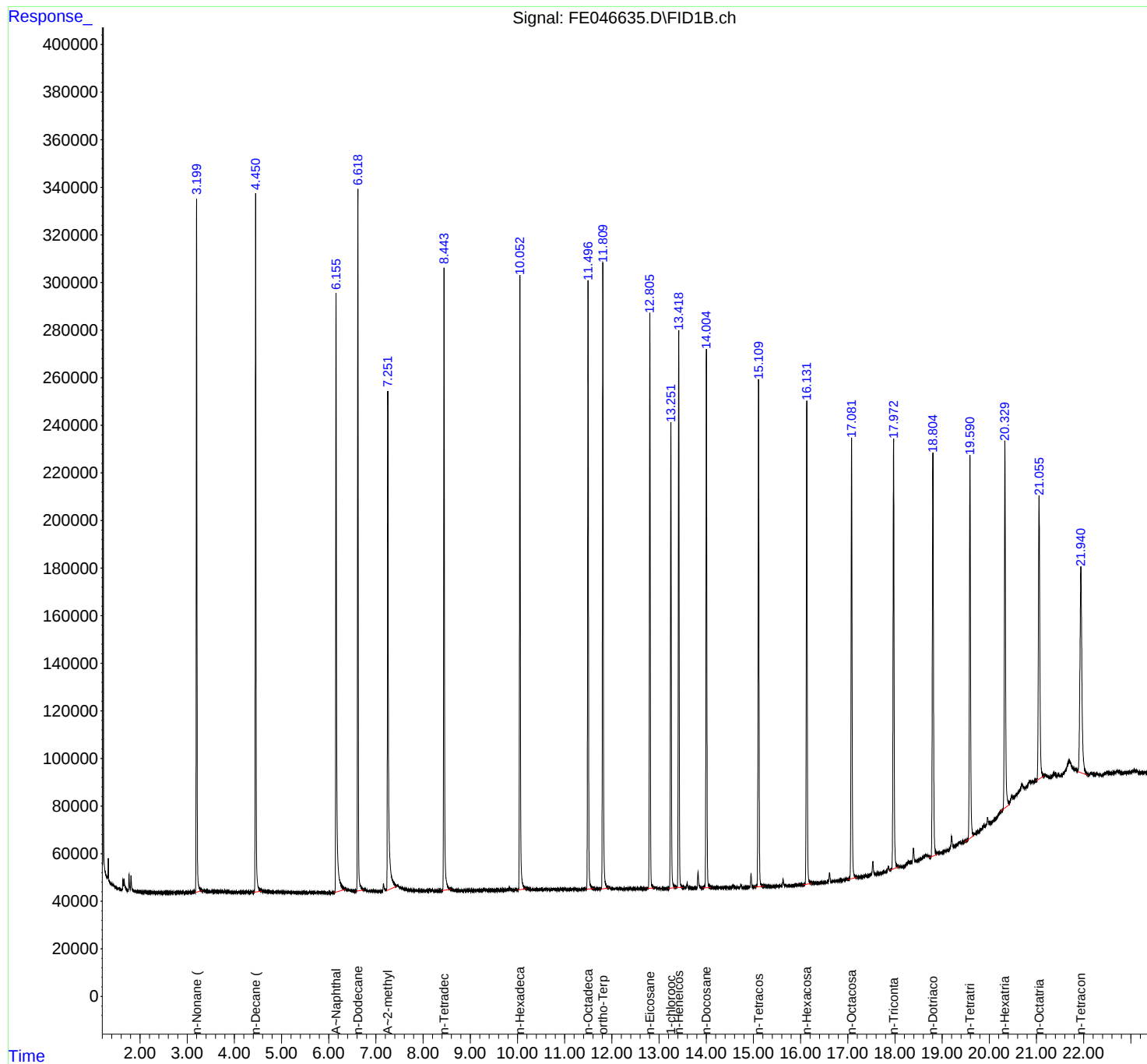
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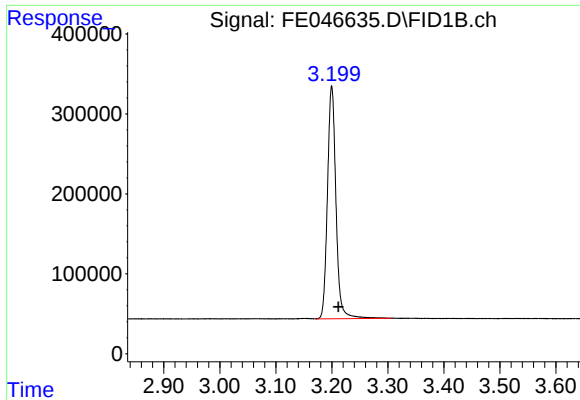
(m)=manual int.

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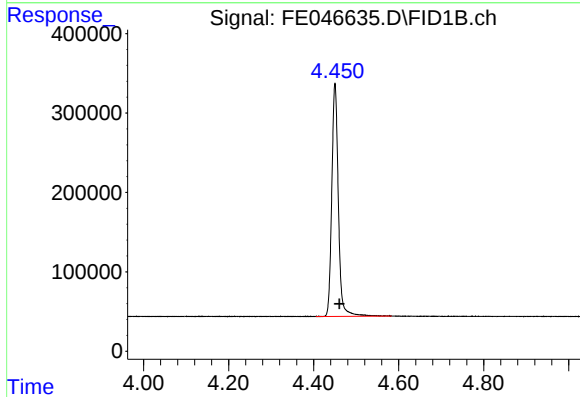
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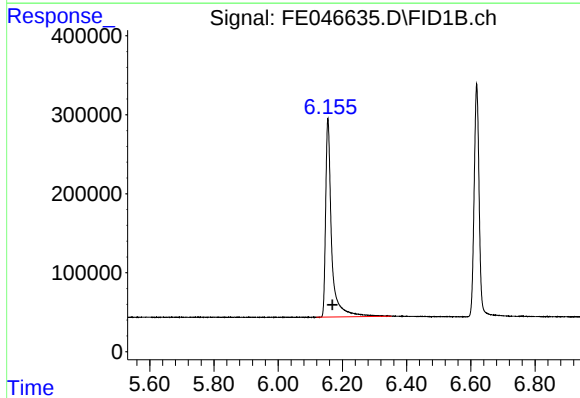
#1 n-Nonane (C9)

R.T.: 3.199 min
Delta R.T.: -0.013 min
Response: 3073750
Conc: 19.03 ug/ml m



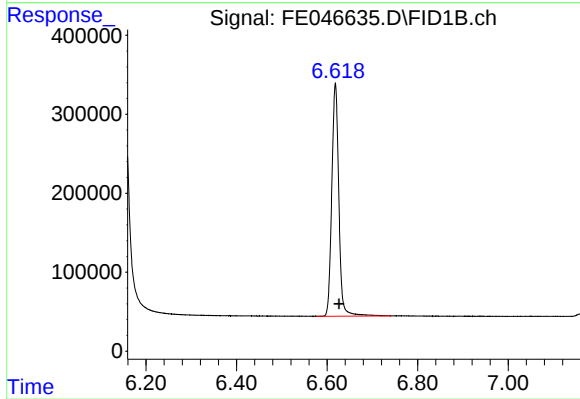
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.010 min
Response: 3151303
Conc: 19.23 ug/ml



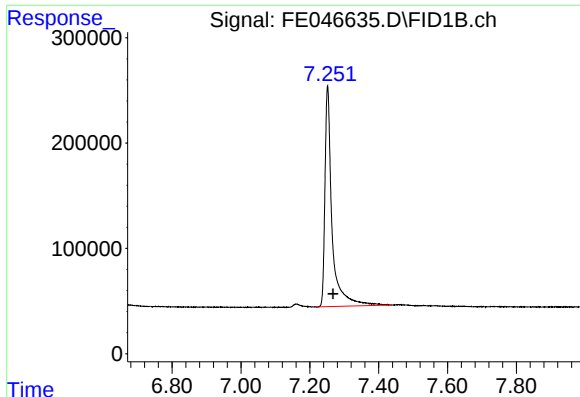
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.014 min
Response: 3267209
Conc: 19.11 ug/ml



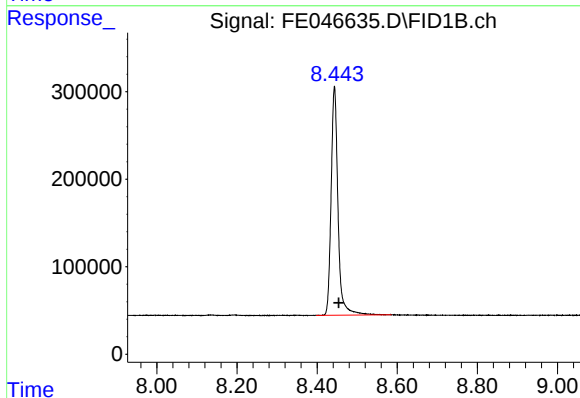
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 3179115
Conc: 19.22 ug/ml



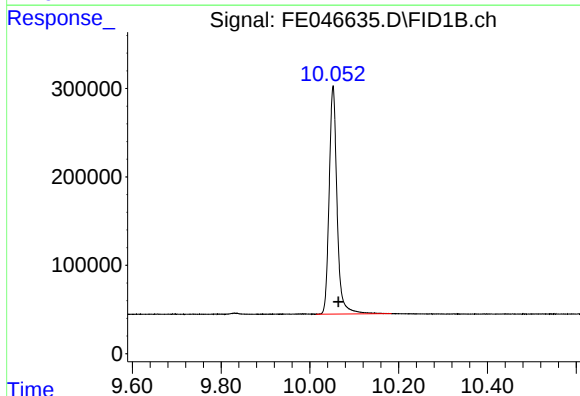
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.016 min
Response: 3024078
Conc: 18.96 ug/ml



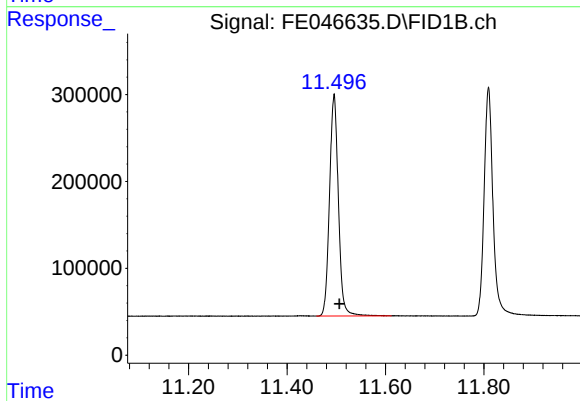
#6 n-Tetradecane (C14)

R.T.: 8.443 min
Delta R.T.: -0.011 min
Response: 3118599
Conc: 19.03 ug/ml



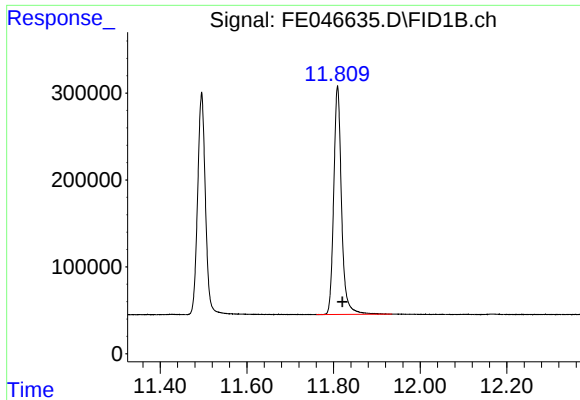
#7 n-Hexadecane (C16)

R.T.: 10.052 min
Delta R.T.: -0.012 min
Response: 3188930
Conc: 18.66 ug/ml



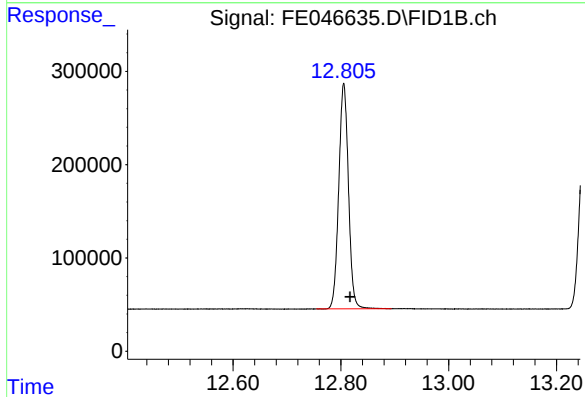
#8 n-Octadecane (C18)

R.T.: 11.496 min
Delta R.T.: -0.011 min
Response: 3190572
Conc: 18.30 ug/ml



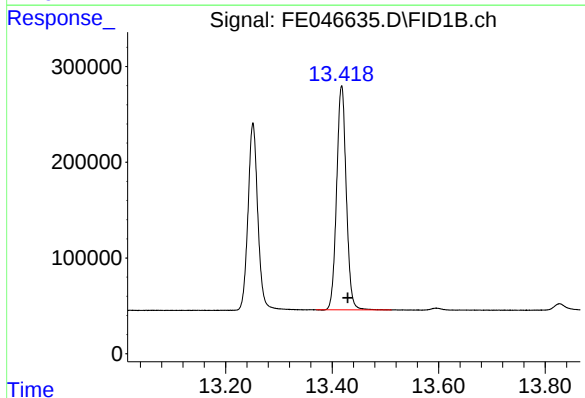
#9 ortho-Terphenyl (SURR)

R.T.: 11.809 min
Delta R.T.: -0.011 min
Response: 3289770
Conc: 17.79 ug/ml



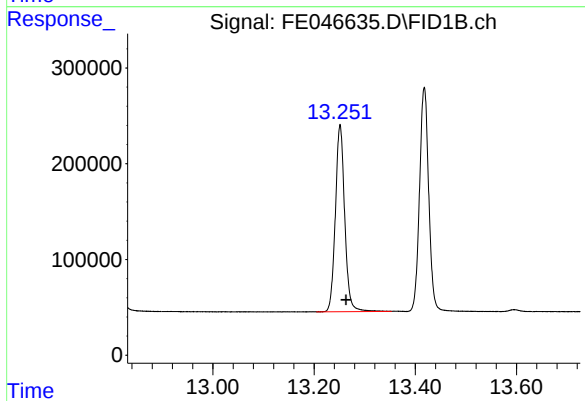
#10 n-Eicosane (C20)

R.T.: 12.805 min
Delta R.T.: -0.012 min
Response: 3012545
Conc: 17.74 ug/ml



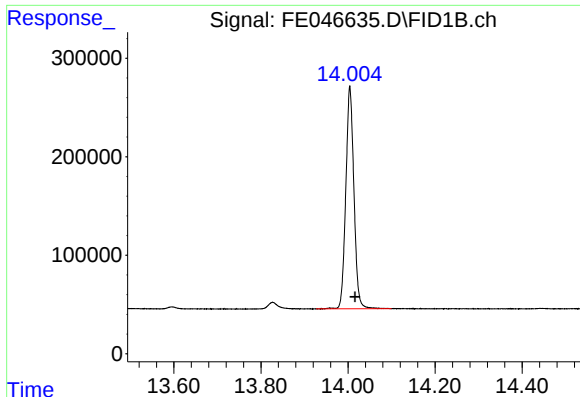
#11 n-Heneicosane (C21)

R.T.: 13.418 min
Delta R.T.: -0.011 min
Response: 2935945
Conc: 17.60 ug/ml



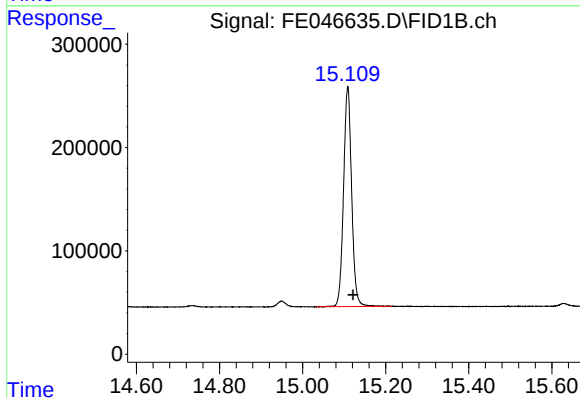
#12 1-chlorooctadecane (SURR)

R.T.: 13.251 min
Delta R.T.: -0.012 min
Response: 2495675
Conc: 17.54 ug/ml



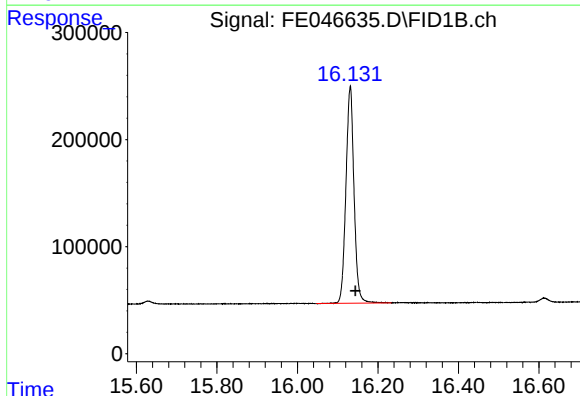
#13 n-Docosane (C22)

R.T.: 14.004 min
Delta R.T.: -0.012 min
Response: 2922332
Conc: 17.64 ug/ml



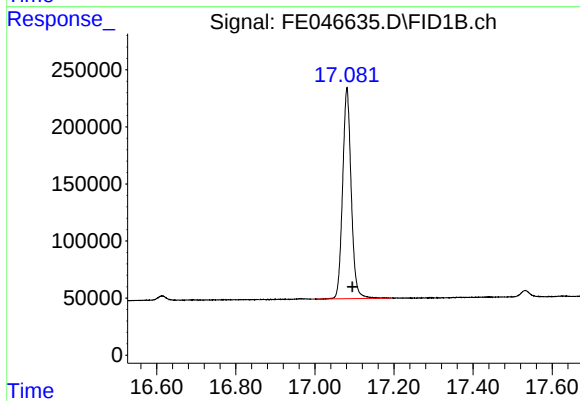
#14 n-Tetracosane (C24)

R.T.: 15.109 min
Delta R.T.: -0.012 min
Response: 2884222
Conc: 17.48 ug/ml



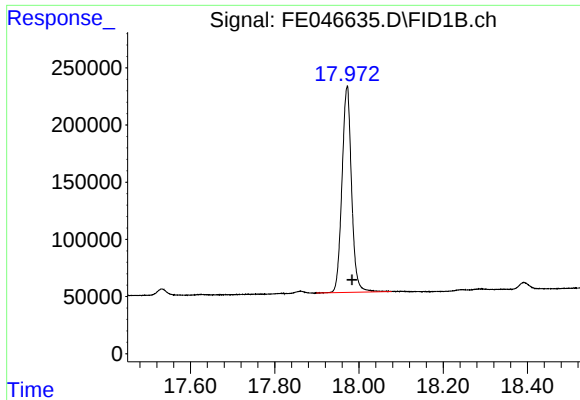
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.012 min
Response: 2828397
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.014 min
Response: 2788793
Conc: 17.77 ug/ml



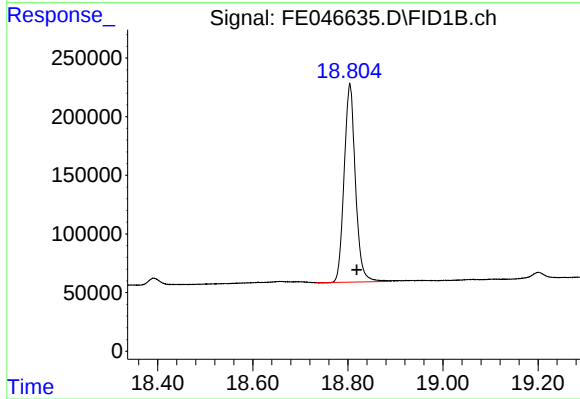
#17 n-Tricontane (C30)

R.T.: 17.972 min

Delta R.T.: -0.012 min

Response: 2847116

Conc: 18.18 ug/ml



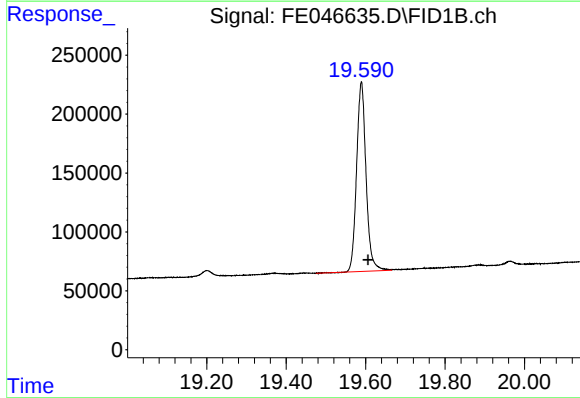
#18 n-Dotriacontane (C32)

R.T.: 18.804 min

Delta R.T.: -0.015 min

Response: 2780748

Conc: 18.40 ug/ml



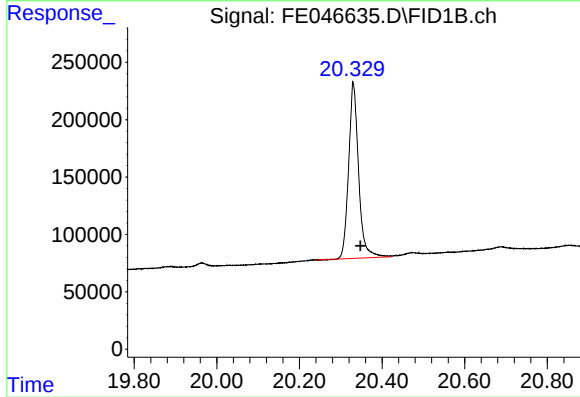
#19 n-Tetratriacontane (C34)

R.T.: 19.589 min

Delta R.T.: -0.016 min

Response: 2660766

Conc: 18.76 ug/ml



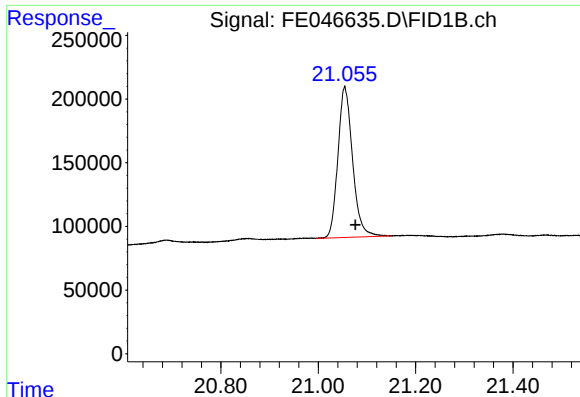
#20 n-Hexatriacontane (C36)

R.T.: 20.330 min

Delta R.T.: -0.017 min

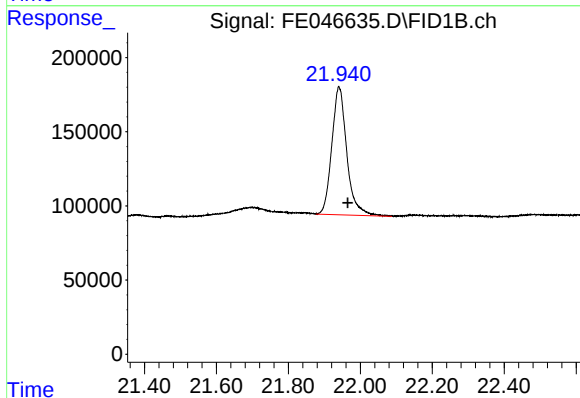
Response: 2558095

Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: -0.022 min
Response: 2472251
Conc: 19.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: -0.025 min
Response: 2494475
Conc: 19.95 ug/ml m