

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AL\
 Data File : FE046850.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2024 11:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 00:19:04 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)	11.794	3469836	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.237	2644680	18.588 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.186	3023902	18.721 ug/ml
2) T n-Decane (C10)	4.437	3244122	19.795 ug/ml
3) T A~Naphthalene (C11.7)	6.142	3296780	19.280 ug/ml
4) T n-Dodecane (C12)	6.605	3286233	19.867 ug/ml
5) T A~2-methylnaphthalene...	7.239	3055180	19.156 ug/ml
6) T n-Tetradecane (C14)	8.431	3266124	19.928 ug/ml
7) T n-Hexadecane (C16)	10.038	3353092	19.623 ug/ml
8) T n-Octadecane (C18)	11.482	3393304	19.464 ug/ml
10) T n-Eicosane (C20)	12.791	3244618	19.110 ug/ml
11) T n-Heneicosane (C21)	13.403	3150504	18.889 ug/ml
13) T n-Docosane (C22)	13.990	3206843	19.357 ug/ml
14) T n-Tetracosane (C24)	15.092	3324436	20.148 ug/ml
15) T n-Hexacosane (C26)	16.114	3314713	20.537 ug/ml
16) T n-Octacosane (C28)	17.065	3353630	21.363 ug/ml
17) T n-Tricontane (C30)	17.952	3499653	22.343 ug/ml
18) T n-Dotriacontane (C32)	18.786	3403854	22.518 ug/mlm
19) T n-Tetratriacontane (C34)	19.570	3093827	21.813 ug/mlm
20) T n-Hexatriacontane (C36)	20.312	2873098	20.844 ug/mlm
21) T n-Octatriacontane (C38)	21.035	2704723	21.099 ug/mlm
22) T n-Tetracontane (C40)	21.907	2767337	22.132 ug/mlm

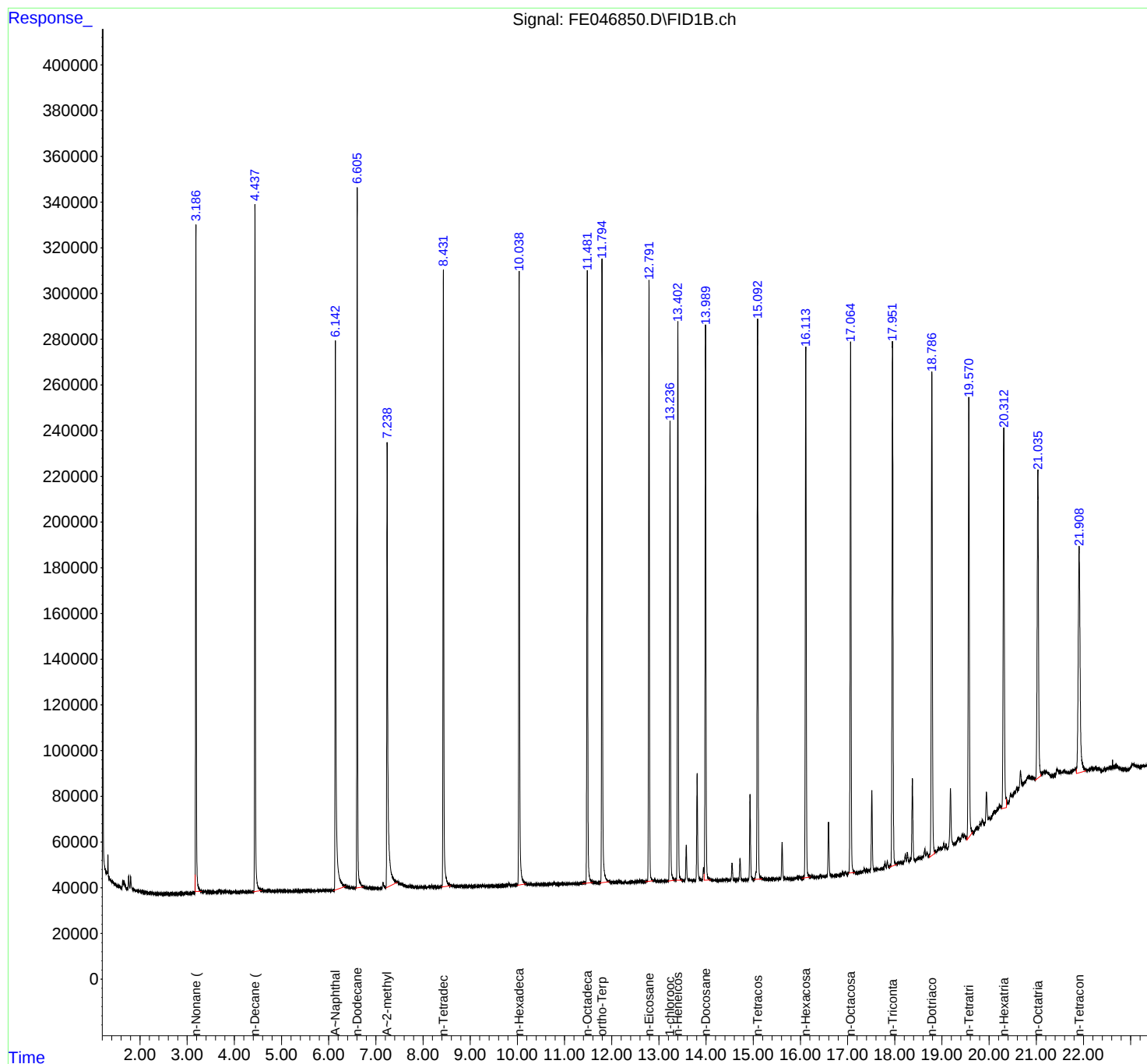
(f)=RT Delta > 1/2 Window

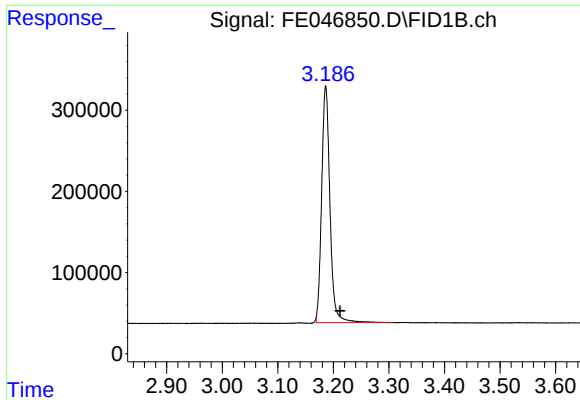
(m)=manual int.

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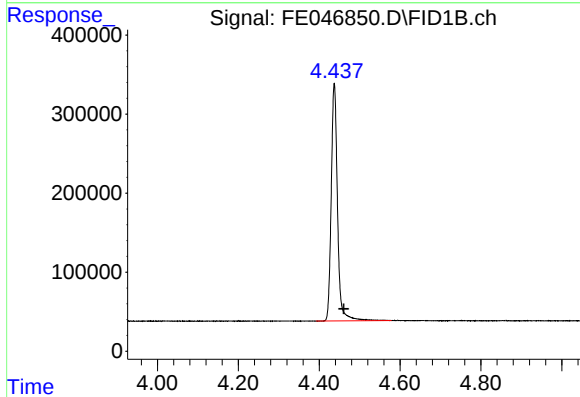
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





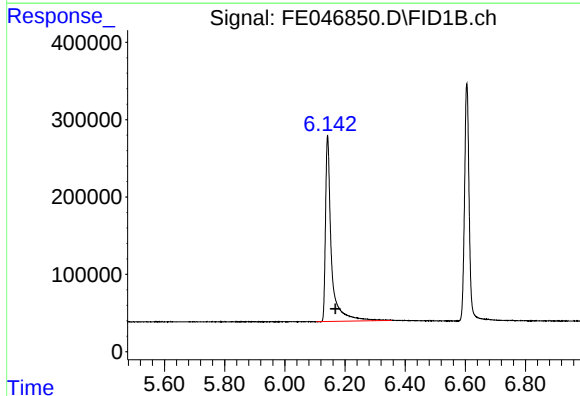
#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: -0.026 min
Response: 3023902
Conc: 18.72 ug/ml



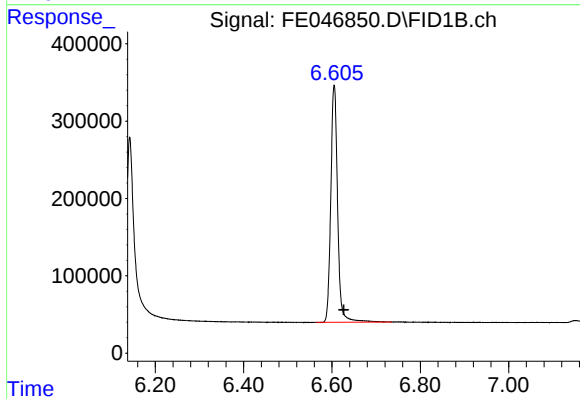
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.023 min
Response: 3244122
Conc: 19.80 ug/ml



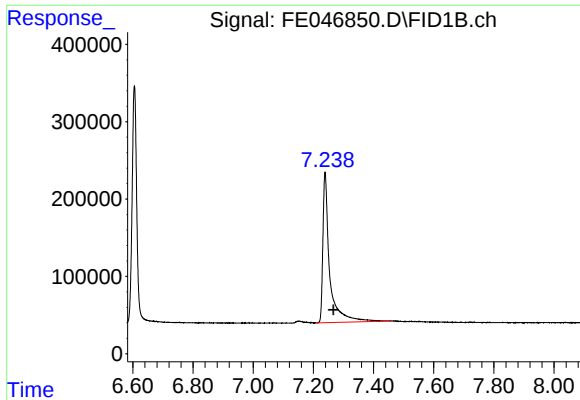
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.026 min
Response: 3296780
Conc: 19.28 ug/ml



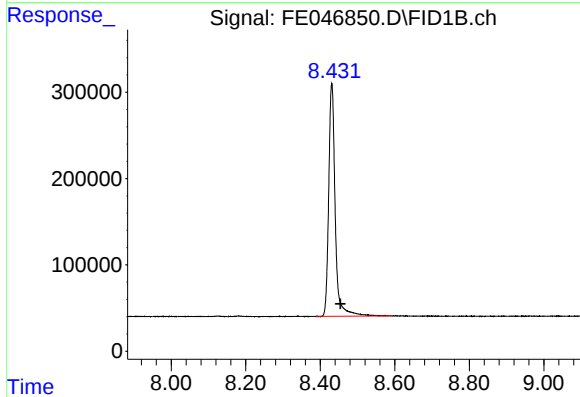
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.022 min
Response: 3286233
Conc: 19.87 ug/ml



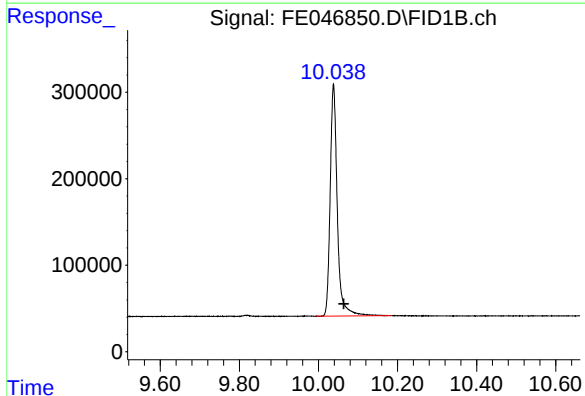
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.028 min
Response: 3055180
Conc: 19.16 ug/ml



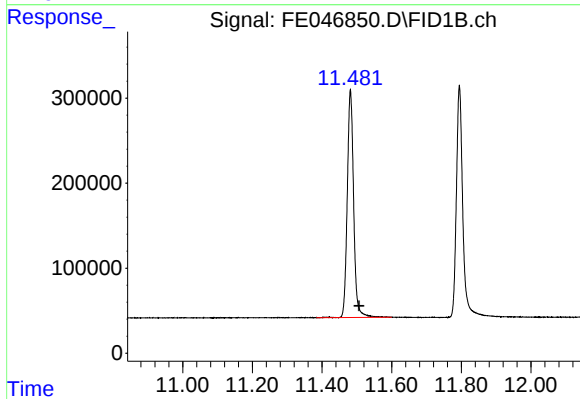
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: -0.023 min
Response: 3266124
Conc: 19.93 ug/ml



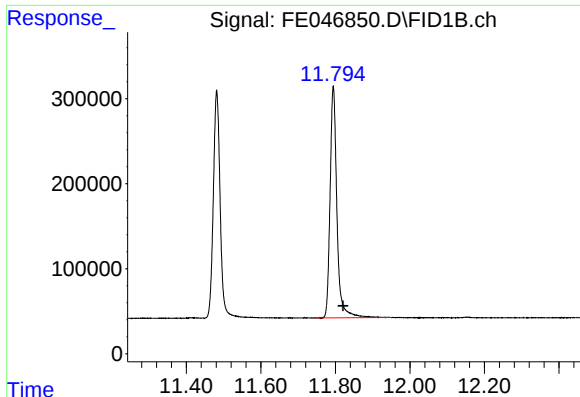
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: -0.026 min
Response: 3353092
Conc: 19.62 ug/ml



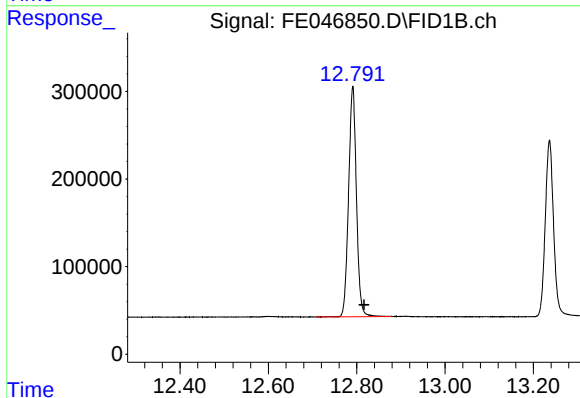
#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: -0.025 min
Response: 3393304
Conc: 19.46 ug/ml



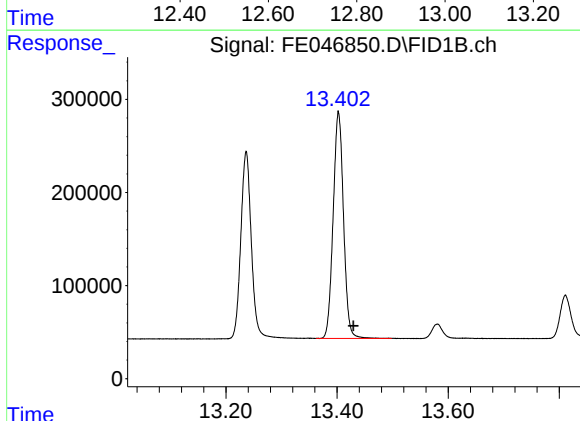
#9 ortho-Terphenyl (SURR)

R.T.: 11.794 min
Delta R.T.: -0.026 min
Response: 3469836
Conc: 18.77 ug/ml



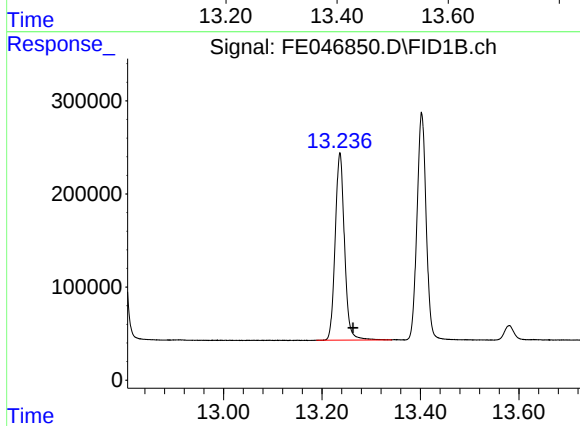
#10 n-Eicosane (C20)

R.T.: 12.791 min
Delta R.T.: -0.026 min
Response: 3244618
Conc: 19.11 ug/ml



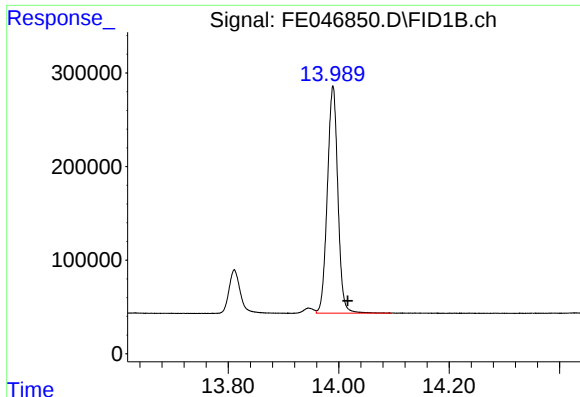
#11 n-Heneicosane (C21)

R.T.: 13.403 min
Delta R.T.: -0.027 min
Response: 3150504
Conc: 18.89 ug/ml



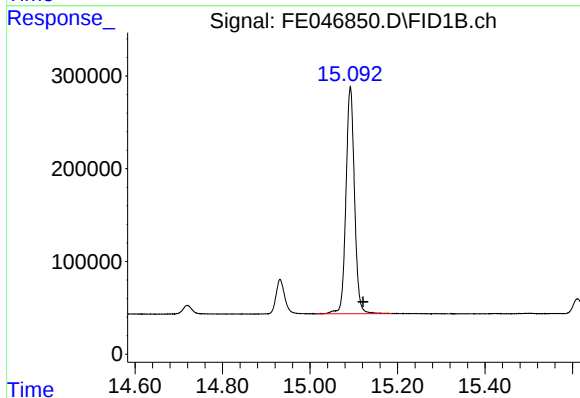
#12 1-chlorooctadecane (SURR)

R.T.: 13.237 min
Delta R.T.: -0.027 min
Response: 2644680
Conc: 18.59 ug/ml



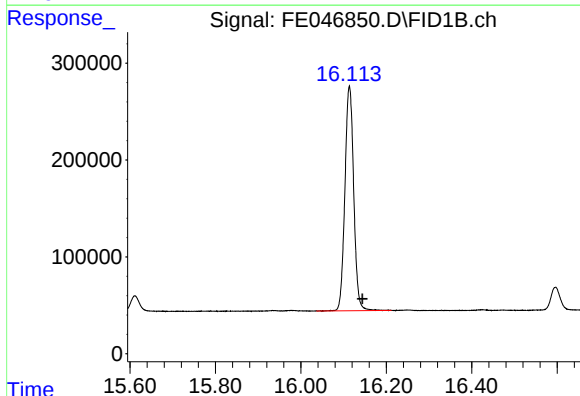
#13 n-Docosane (C22)

R.T.: 13.990 min
Delta R.T.: -0.026 min
Response: 3206843
Conc: 19.36 ug/ml



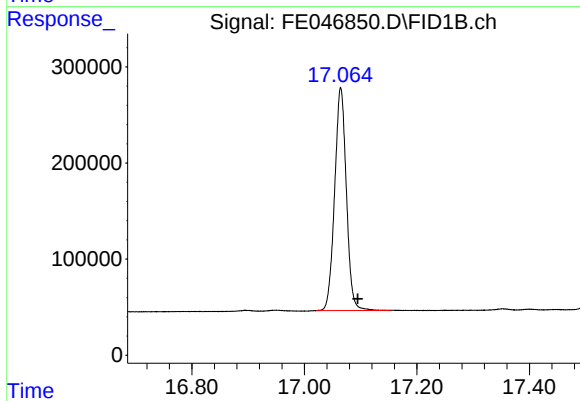
#14 n-Tetracosane (C24)

R.T.: 15.092 min
Delta R.T.: -0.029 min
Response: 3324436
Conc: 20.15 ug/ml



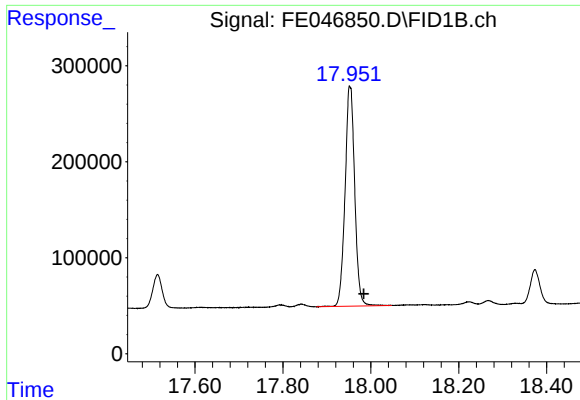
#15 n-Hexacosane (C26)

R.T.: 16.114 min
Delta R.T.: -0.030 min
Response: 3314713
Conc: 20.54 ug/ml



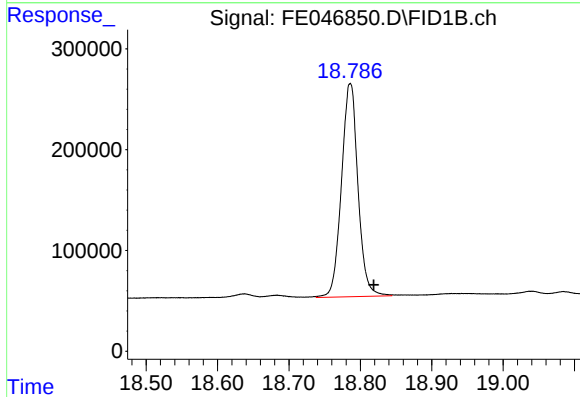
#16 n-Octacosane (C28)

R.T.: 17.065 min
Delta R.T.: -0.030 min
Response: 3353630
Conc: 21.36 ug/ml



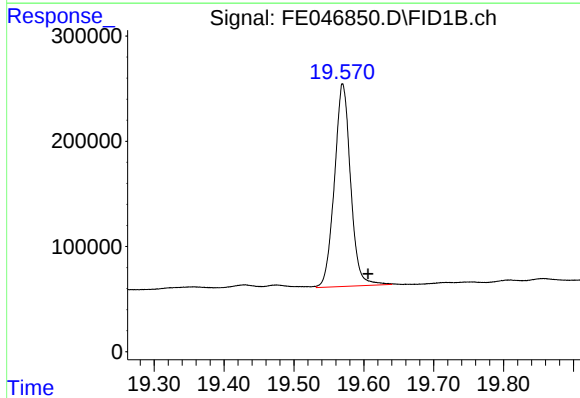
#17 n-Tricontane (C30)

R.T.: 17.952 min
Delta R.T.: -0.031 min
Response: 3499653
Conc: 22.34 ug/ml



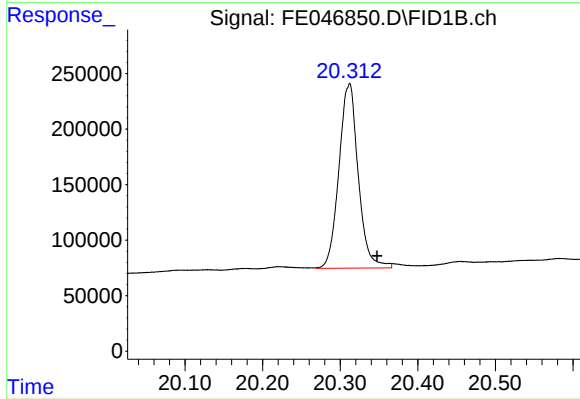
#18 n-Dotriacontane (C32)

R.T.: 18.786 min
Delta R.T.: -0.033 min
Response: 3403854
Conc: 22.52 ug/ml m



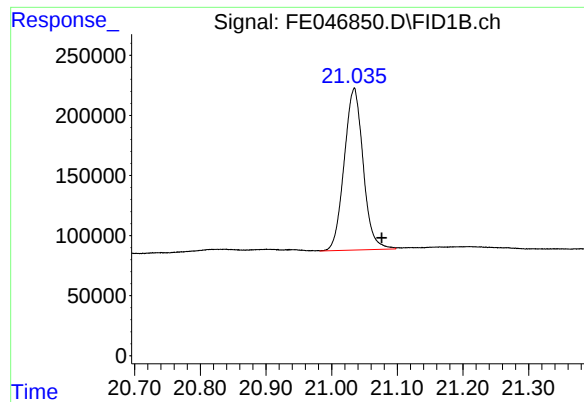
#19 n-Tetratriacontane (C34)

R.T.: 19.570 min
Delta R.T.: -0.036 min
Response: 3093827
Conc: 21.81 ug/ml m



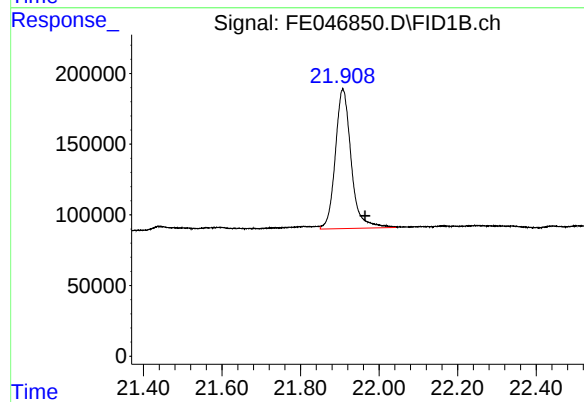
#20 n-Hexatriacontane (C36)

R.T.: 20.312 min
Delta R.T.: -0.036 min
Response: 2873098
Conc: 20.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.035 min
Delta R.T.: -0.042 min
Response: 2704723
Conc: 21.10 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.057 min
Response: 2767337
Conc: 22.13 ug/ml m