

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011724AL\
 Data File : FE046277.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2024 18:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 22:40:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.825	3799587	20.908 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
12) S 1-chlorooctadecane (S...	13.267	2798453	20.945 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	3.212	2864161	18.715 ug/ml
2) T n-Decane (C10)	4.463	3045606	19.624 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3225158	19.393 ug/ml
4) T n-Dodecane (C12)	6.630	3117775	19.968 ug/ml
5) T A~2-methylnaphthalene...	7.263	3119243	19.592 ug/ml
6) T n-Tetradecane (C14)	8.457	3106272	19.941 ug/ml
7) T n-Hexadecane (C16)	10.066	3190306	20.146 ug/ml
8) T n-Octadecane (C18)	11.511	3233609	20.545 ug/ml
10) T n-Eicosane (C20)	12.821	3139299	20.752 ug/ml
11) T n-Heneicosane (C21)	13.434	3085083	20.980 ug/ml
13) T n-Docosane (C22)	14.023	3051970	20.879 ug/ml
14) T n-Tetracosane (C24)	15.127	3000850	20.691 ug/ml
15) T n-Hexacosane (C26)	16.151	2918192	20.355 ug/ml
16) T n-Octacosane (C28)	17.103	2896679	20.197 ug/ml
17) T n-Tricontane (C30)	17.992	3080126	20.722 ug/ml
18) T n-Dotriacontane (C32)	18.827	3133606	20.952 ug/ml
19) T n-Tetratriacontane (C34)	19.614	3038625	21.211 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2805868	19.245 ug/ml
21) T n-Octatriacontane (C38)	21.084	3100531	21.026 ug/ml
22) T n-Tetracontane (C40)	21.979	3164251	20.215 ug/ml

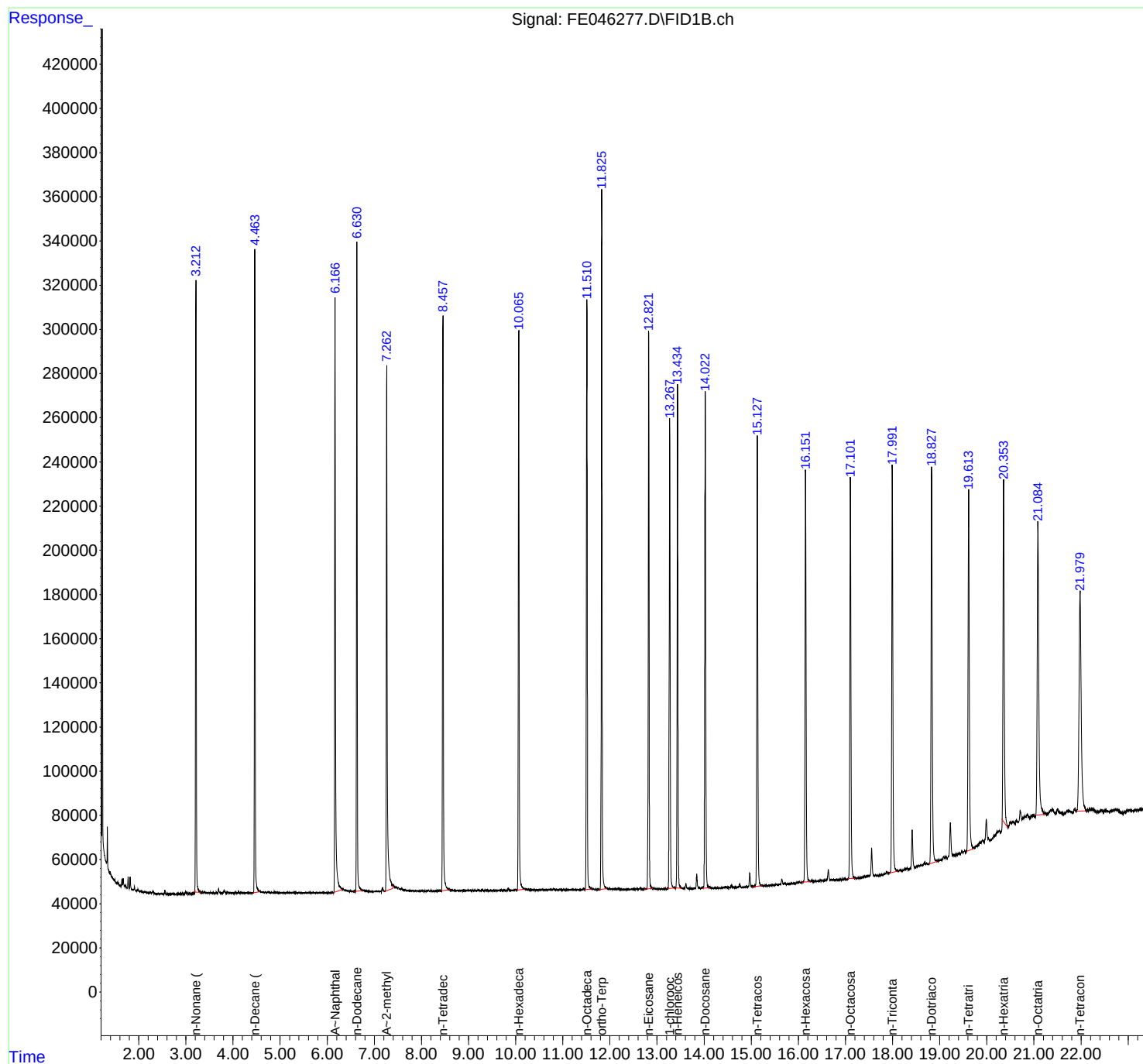
(f)=RT Delta > 1/2 Window

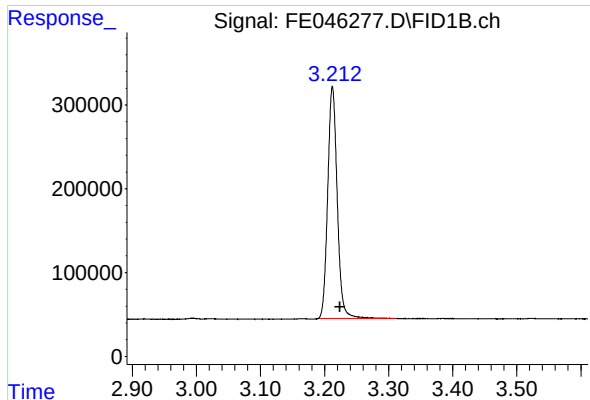
(m)=manual int.

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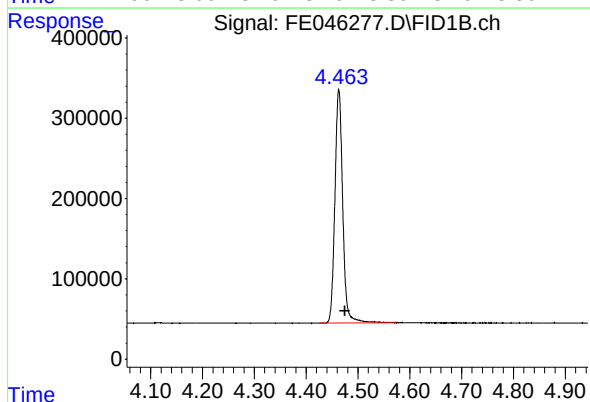
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





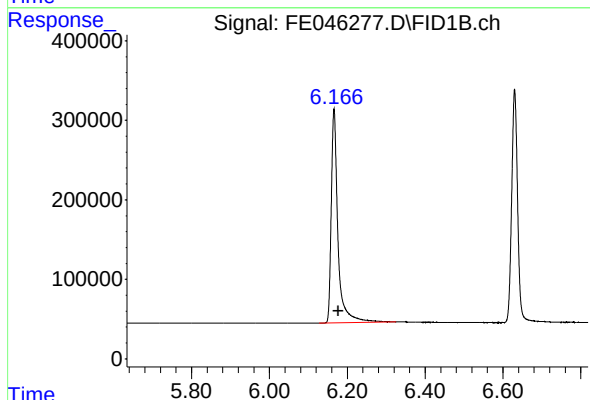
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: -0.012 min
Response: 2864161
Conc: 18.71 ug/ml



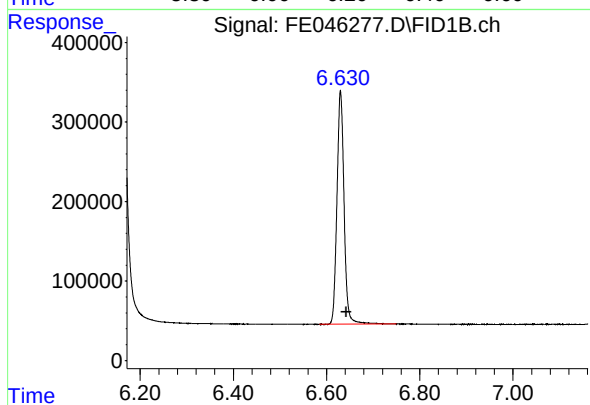
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.012 min
Response: 3045606
Conc: 19.62 ug/ml



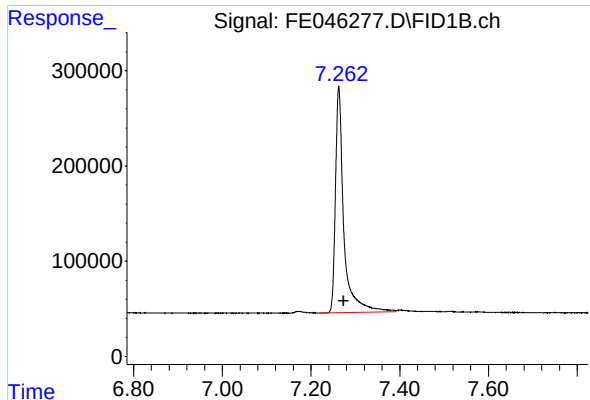
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 3225158
Conc: 19.39 ug/ml



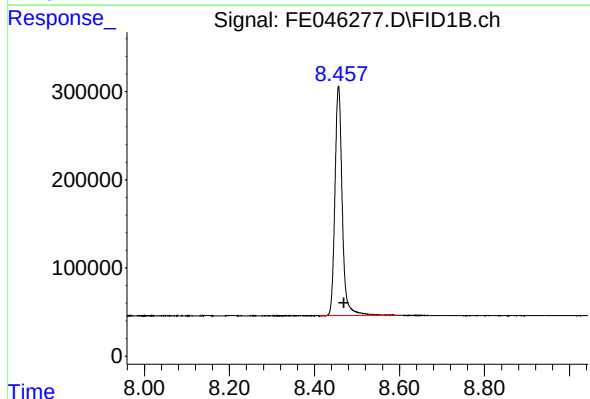
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.013 min
Response: 3117775
Conc: 19.97 ug/ml



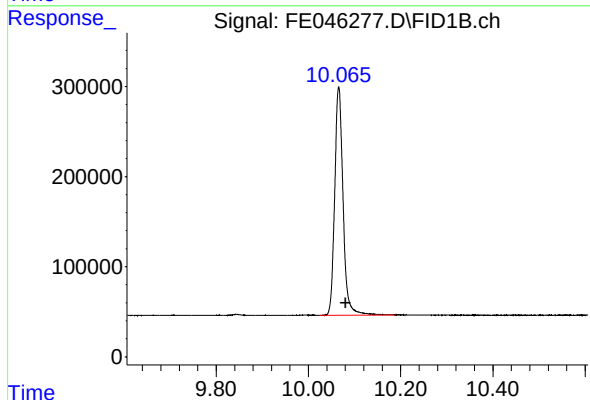
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 3119243
Conc: 19.59 ug/ml



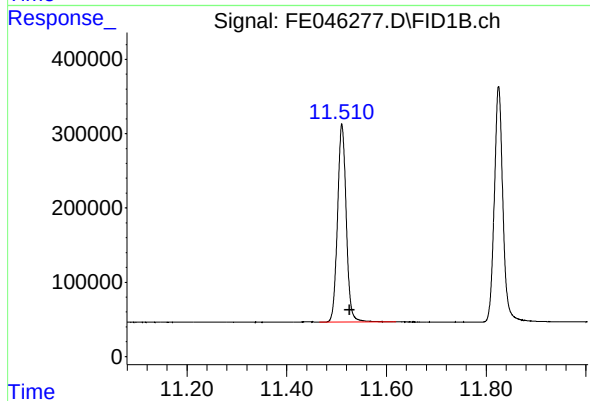
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.013 min
Response: 3106272
Conc: 19.94 ug/ml



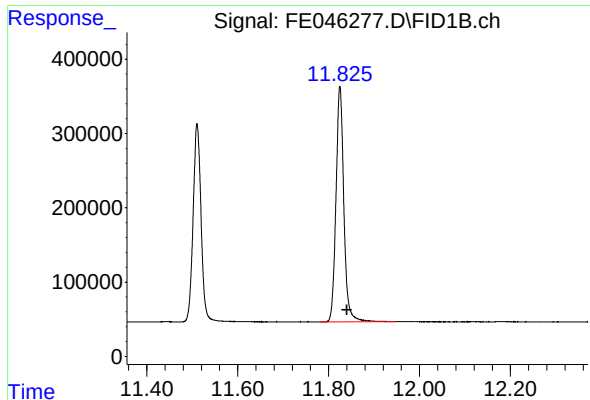
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.015 min
Response: 3190306
Conc: 20.15 ug/ml



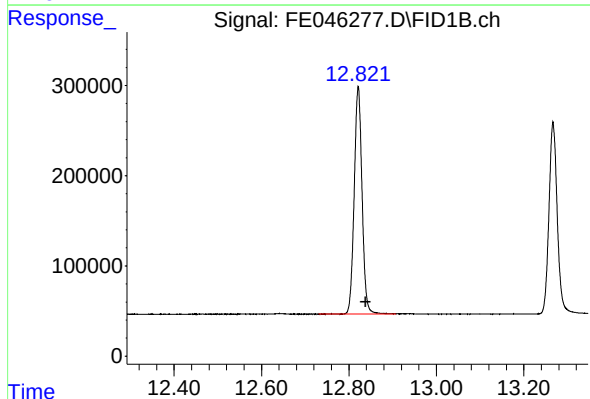
#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.016 min
Response: 3233609
Conc: 20.54 ug/ml



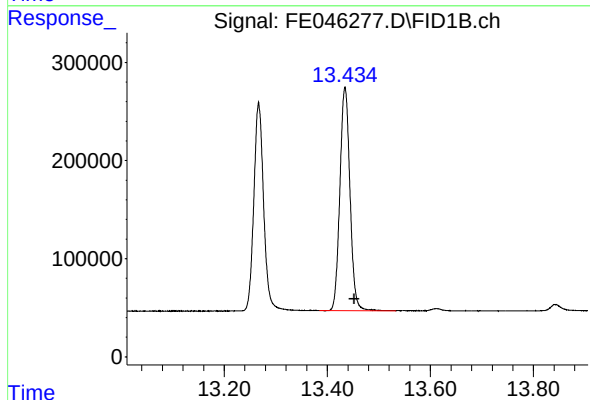
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: -0.015 min
Response: 3799587
Conc: 20.91 ug/ml



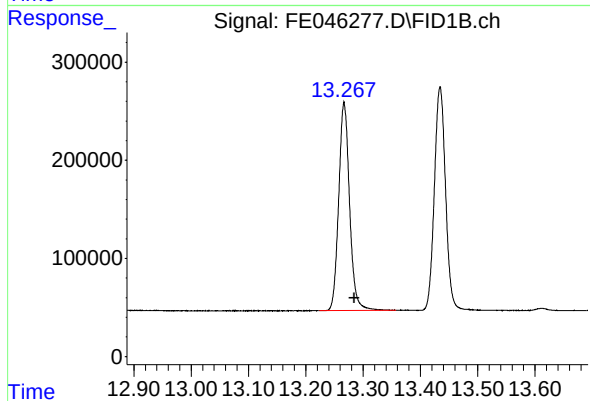
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: -0.017 min
Response: 3139299
Conc: 20.75 ug/ml



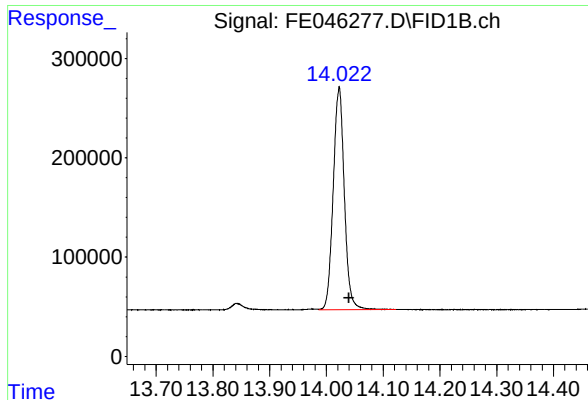
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: -0.018 min
Response: 3085083
Conc: 20.98 ug/ml



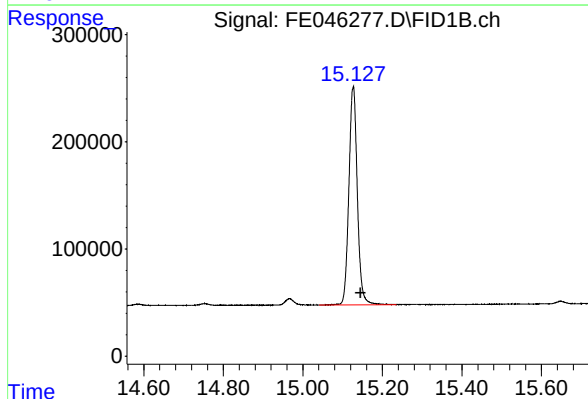
#12 1-chlorooctadecane (SURR)

R.T.: 13.267 min
Delta R.T.: -0.018 min
Response: 2798453
Conc: 20.94 ug/ml



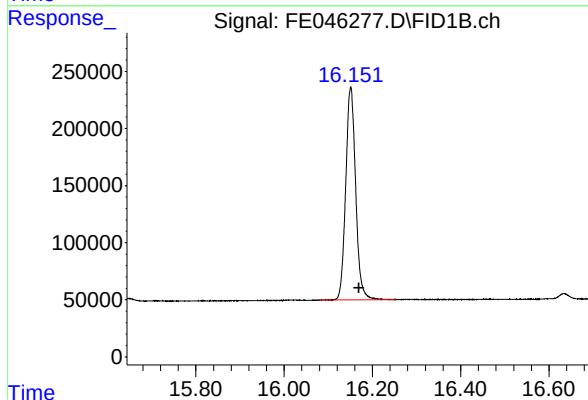
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.017 min
Response: 3051970
Conc: 20.88 ug/ml



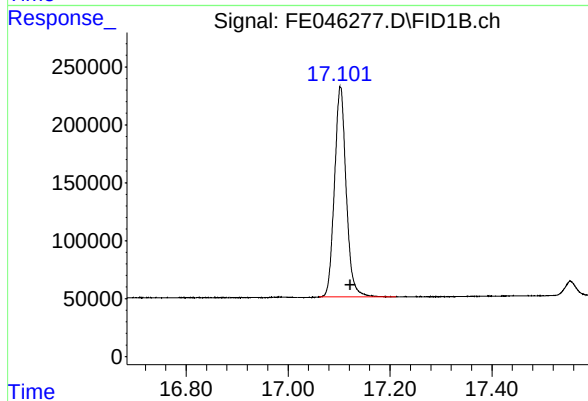
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.019 min
Response: 3000850
Conc: 20.69 ug/ml



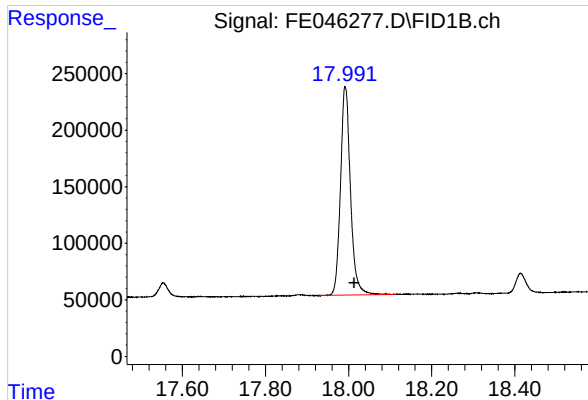
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.019 min
Response: 2918192
Conc: 20.35 ug/ml



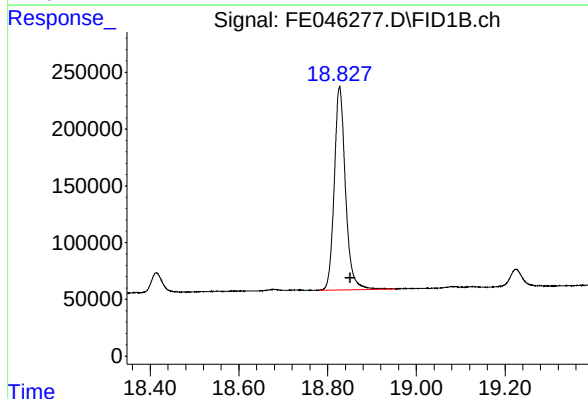
#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.020 min
Response: 2896679
Conc: 20.20 ug/ml



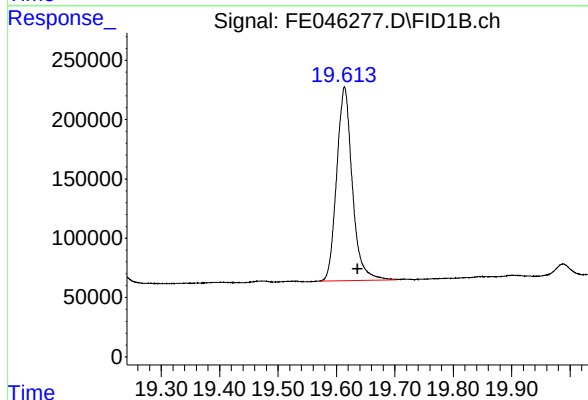
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.022 min
Response: 3080126
Conc: 20.72 ug/ml



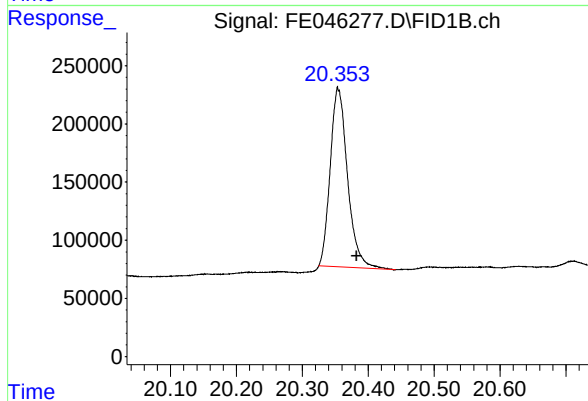
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.024 min
Response: 3133606
Conc: 20.95 ug/ml



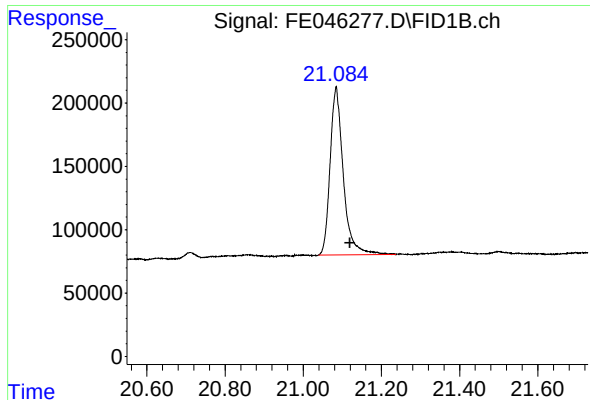
#19 n-Tetatriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.023 min
Response: 3038625
Conc: 21.21 ug/ml



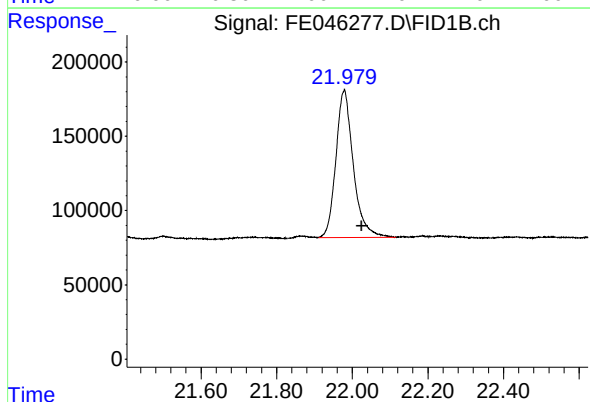
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.028 min
Response: 2805868
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.036 min
Response: 3100531
Conc: 21.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.046 min
Response: 3164251
Conc: 20.22 ug/ml