

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080822AL\
 Data File : FE036948.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2022 03:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 04:28:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.830	3148854	16.907 ug/ml
Spiked Amount 50.000		Recovery =	33.81%
12) S 1-chlorooctadecane (S...	13.270	2476927	16.280 ug/ml
Spiked Amount 50.000		Recovery =	32.56%
Target Compounds			
1) T n-Nonane (C9)	3.220	2871676	18.628 ug/ml
2) T n-Decane (C10)	4.474	2913566	18.901 ug/ml
3) T A~Naphthalene (C11.7)	6.176	3157162	18.475 ug/ml
4) T n-Dodecane (C12)	6.643	2957574	18.831 ug/ml
5) T A~2-methylnaphthalene...	7.273	3122308	18.167 ug/ml
6) T n-Tetradecane (C14)	8.470	2983460	18.275 ug/ml
7) T n-Hexadecane (C16)	10.076	2934787	17.805 ug/ml
8) T n-Octadecane (C18)	11.517	2937904	17.287 ug/ml
10) T n-Eicosane (C20)	12.826	2882065	16.943 ug/ml
11) T n-Heneicosane (C21)	13.437	2810810	16.423 ug/ml
13) T n-Docosane (C22)	14.025	2890633	16.931 ug/ml
14) T n-Tetracosane (C24)	15.127	2996594	17.579 ug/ml
15) T n-Hexacosane (C26)	16.150	3025835	18.098 ug/ml
16) T n-Octacosane (C28)	17.100	3149192	19.282 ug/ml
17) T n-Tricontane (C30)	17.988	3101750	20.412 ug/ml
18) T n-Dotriacontane (C32)	18.822	2593716	21.566 ug/ml
19) T n-Tetratriacontane (C34)	19.604	1901612	22.835 ug/ml
20) T n-Hexatriacontane (C36)	20.345	1407774	23.976 ug/mlm
21) T n-Octatriacontane (C38)	21.070	1171199	23.360 ug/mlm
22) T n-Tetracontane (C40)	21.953	1059759	20.521 ug/ml

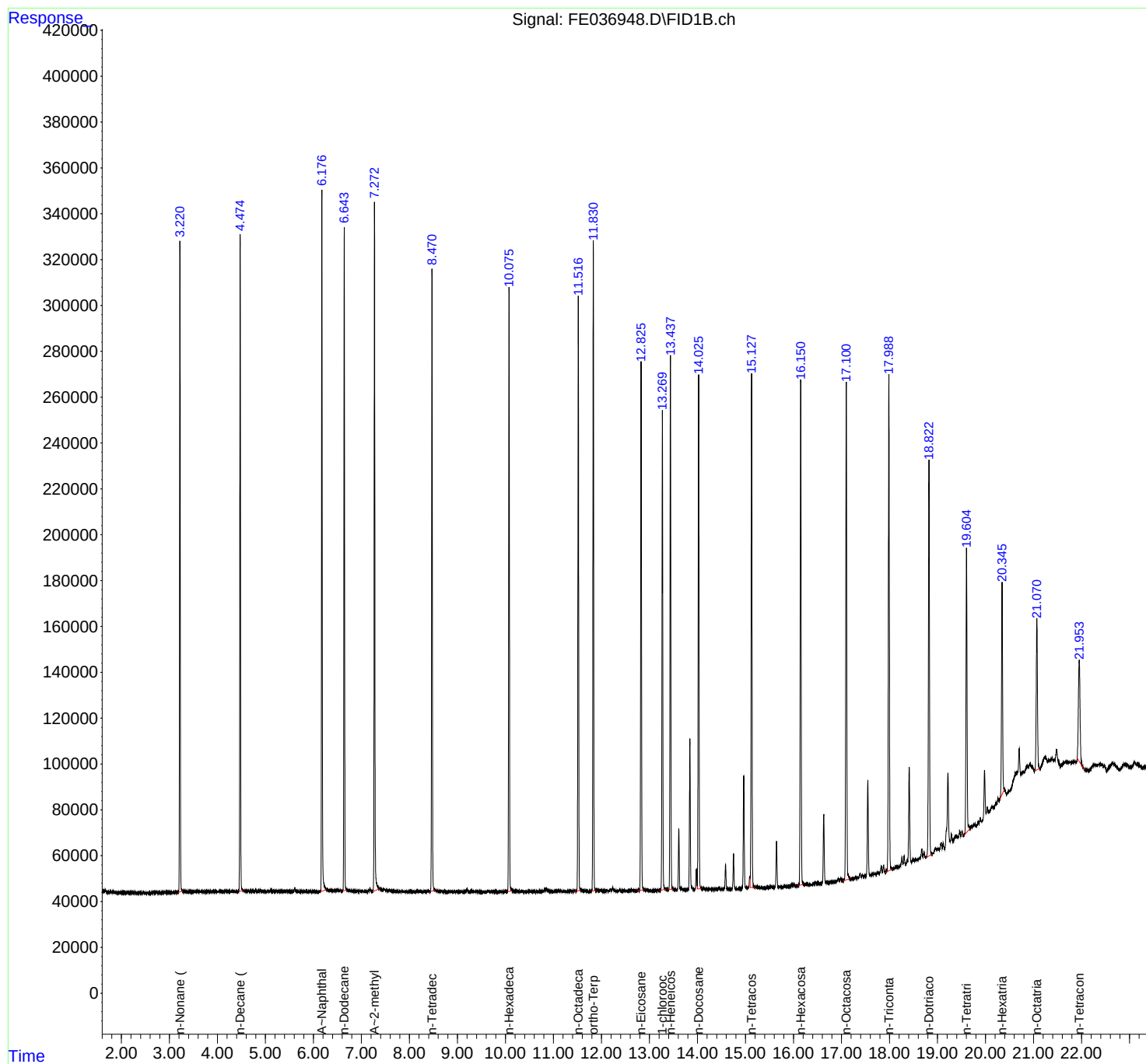
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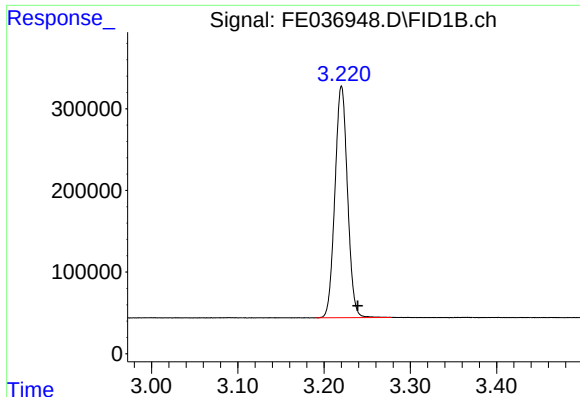
(m)=manual int.

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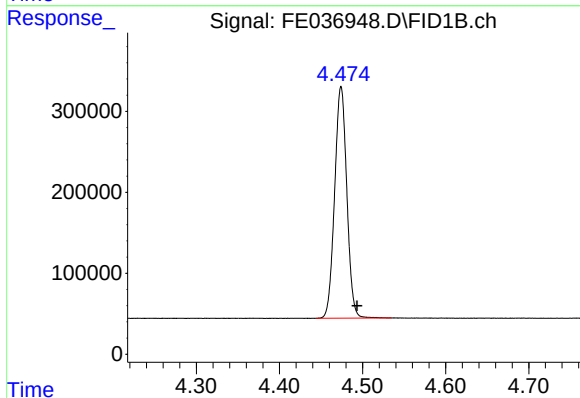
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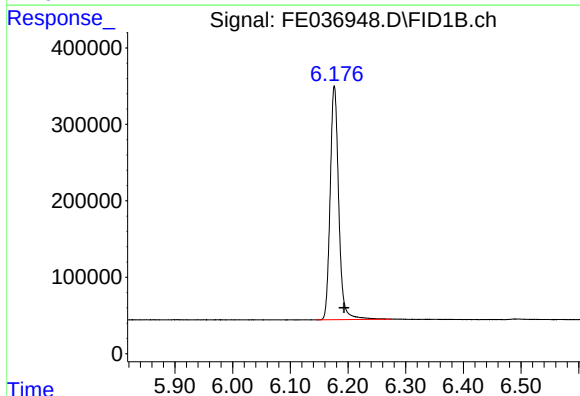
#1 n-Nonane (C9)

R.T.: 3.220 min
Delta R.T.: -0.019 min
Response: 2871676
Conc: 18.63 ug/ml



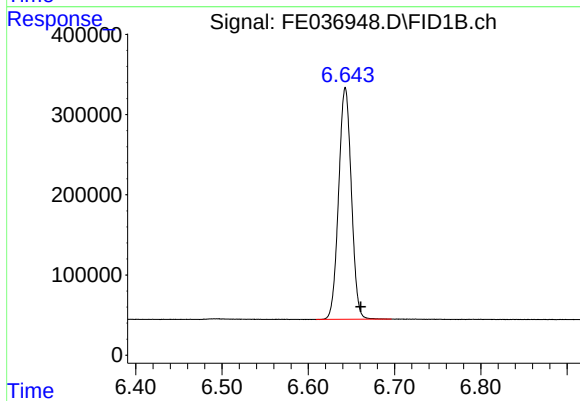
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.019 min
Response: 2913566
Conc: 18.90 ug/ml



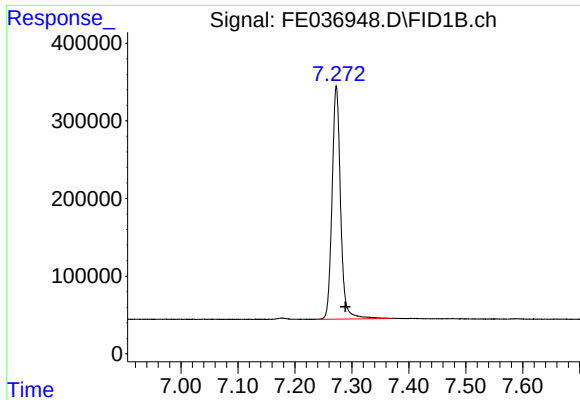
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.017 min
Response: 3157162
Conc: 18.48 ug/ml



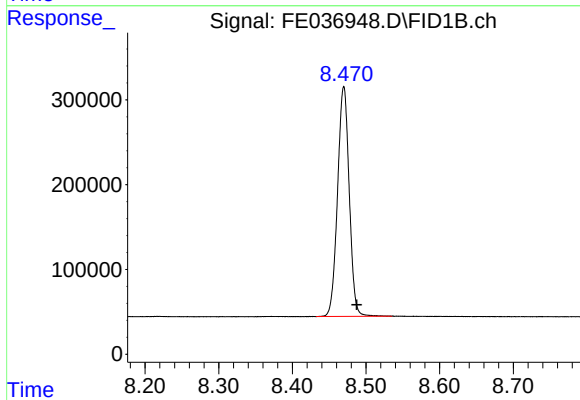
#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: -0.018 min
Response: 2957574
Conc: 18.83 ug/ml



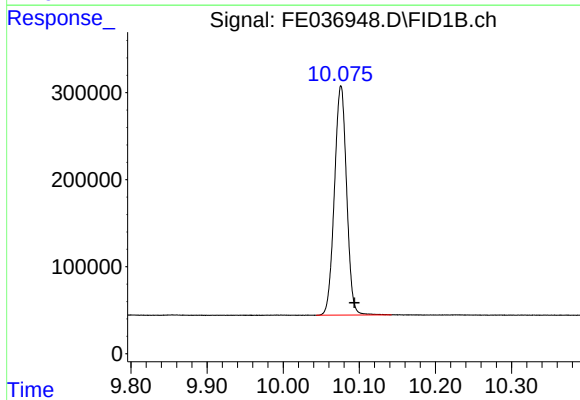
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.015 min
Response: 3122308
Conc: 18.17 ug/ml



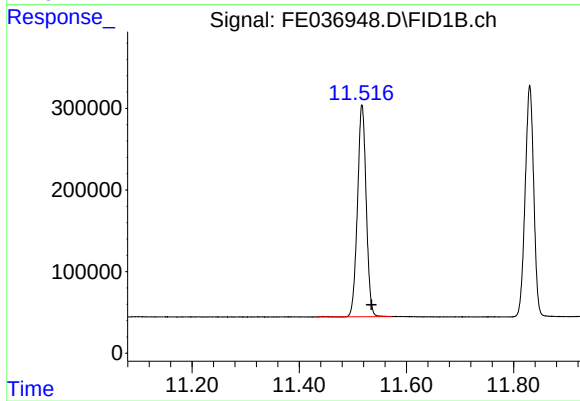
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.017 min
Response: 2983460
Conc: 18.27 ug/ml



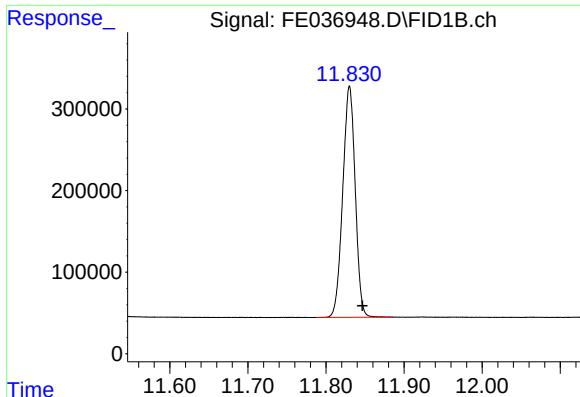
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.018 min
Response: 2934787
Conc: 17.81 ug/ml



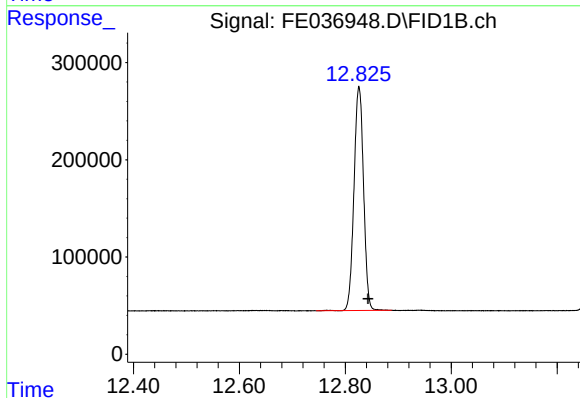
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.018 min
Response: 2937904
Conc: 17.29 ug/ml



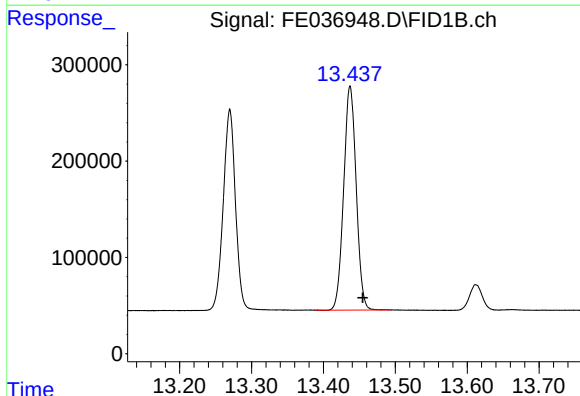
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.016 min
Response: 3148854
Conc: 16.91 ug/ml



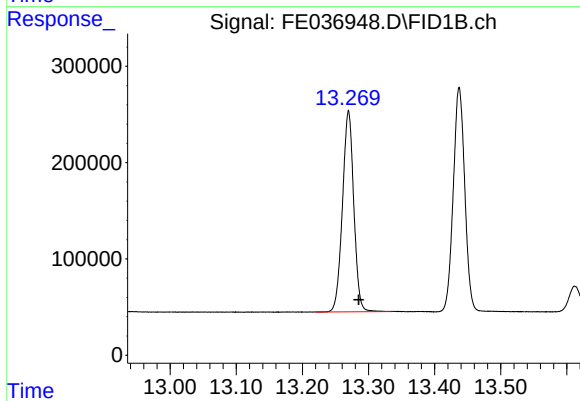
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.017 min
Response: 2882065
Conc: 16.94 ug/ml



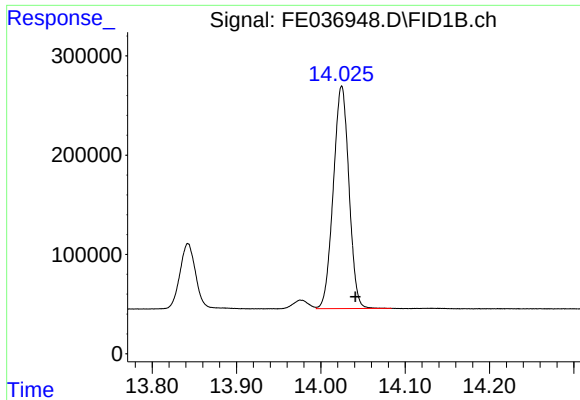
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.018 min
Response: 2810810
Conc: 16.42 ug/ml



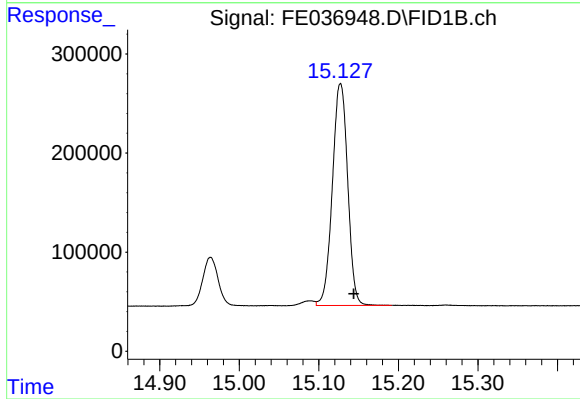
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.016 min
Response: 2476927
Conc: 16.28 ug/ml



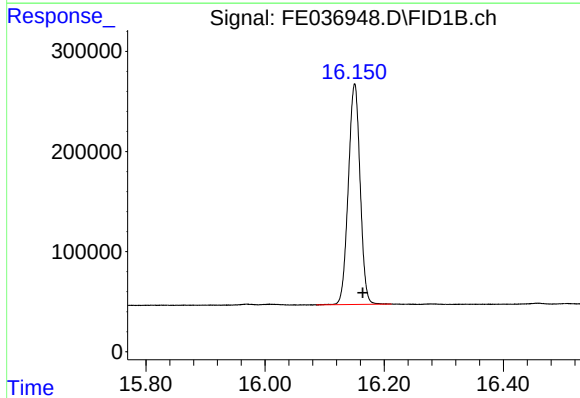
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.016 min
Response: 2890633
Conc: 16.93 ug/ml



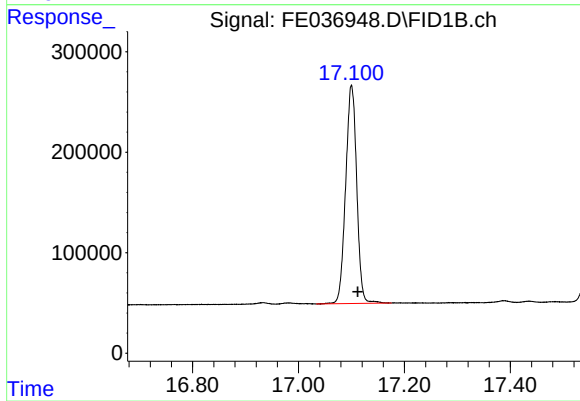
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.017 min
Response: 2996594
Conc: 17.58 ug/ml



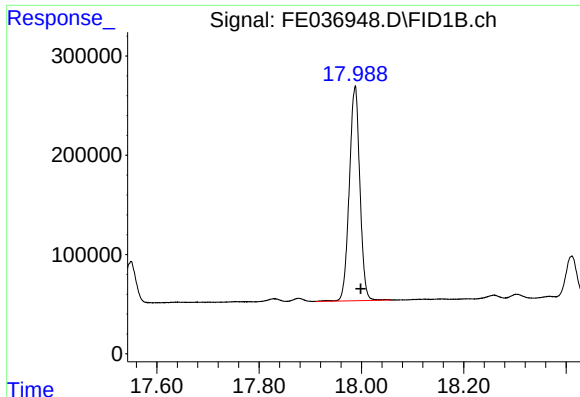
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 3025835
Conc: 18.10 ug/ml



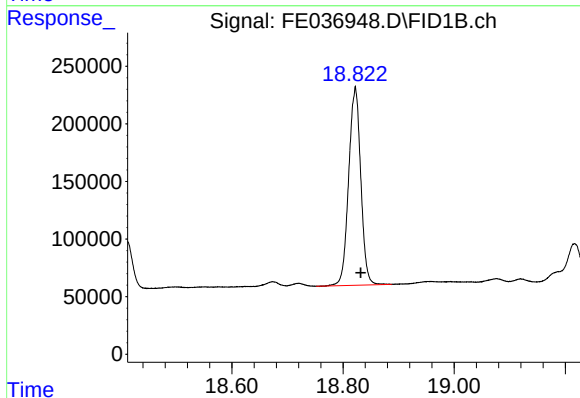
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.012 min
Response: 3149192
Conc: 19.28 ug/ml



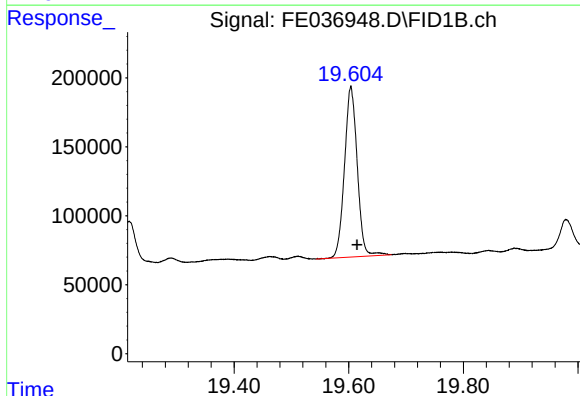
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.011 min
Response: 3101750
Conc: 20.41 ug/ml



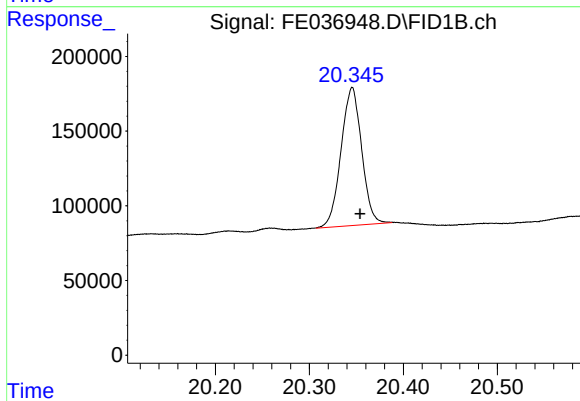
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.010 min
Response: 2593716
Conc: 21.57 ug/ml



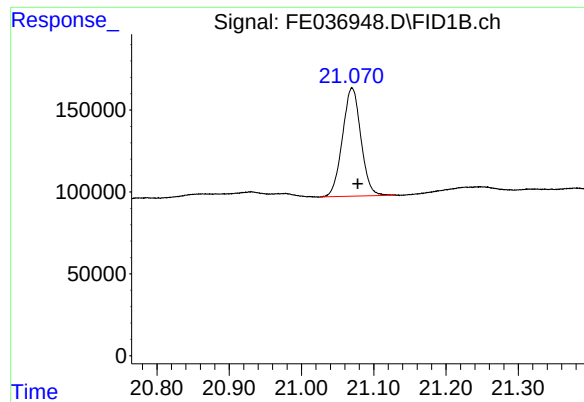
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.011 min
Response: 1901612
Conc: 22.83 ug/ml



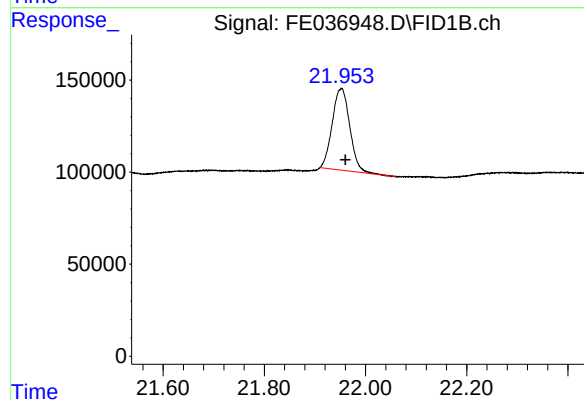
#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.009 min
Response: 1407774
Conc: 23.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.009 min
Response: 1171199
Conc: 23.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.008 min
Response: 1059759
Conc: 20.52 ug/ml