

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022724AL\
 Data File : FE046937.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2024 08:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 09:53:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.798	3157042	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
12) S 1-chlorooctadecane (S...	13.241	2403203	19.522 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.186	2849414	18.686 ug/ml
2) T n-Decane (C10)	4.437	3025964	19.537 ug/ml
3) T A~Naphthalene (C11.7)	6.143	3040094	19.302 ug/ml
4) T n-Dodecane (C12)	6.606	3069980	19.745 ug/ml
5) T A~2-methylnaphthalene...	7.240	2882850	20.104 ug/ml
6) T n-Tetradecane (C14)	8.432	3035523	19.686 ug/ml
7) T n-Hexadecane (C16)	10.040	3105267	19.571 ug/ml
8) T n-Octadecane (C18)	11.484	3101506	19.455 ug/ml
10) T n-Eicosane (C20)	12.794	2956726	19.533 ug/ml
11) T n-Heneicosane (C21)	13.407	2866086	19.355 ug/ml
13) T n-Docosane (C22)	13.994	2910462	20.004 ug/ml
14) T n-Tetracosane (C24)	15.097	3033033	21.237 ug/ml
15) T n-Hexacosane (C26)	16.119	3038773	21.746 ug/ml
16) T n-Octacosane (C28)	17.069	3111667	22.840 ug/ml
17) T n-Tricontane (C30)	17.958	3288409	23.570 ug/ml
18) T n-Dotriacontane (C32)	18.792	3192314	23.200 ug/ml
19) T n-Tetratriacontane (C34)	19.577	2898506	21.577 ug/ml
20) T n-Hexatriacontane (C36)	20.318	2773251	20.826 ug/ml
21) T n-Octatriacontane (C38)	21.042	2511499	18.228 ug/ml
22) T n-Tetracontane (C40)	21.920	2696622	19.113 ug/ml

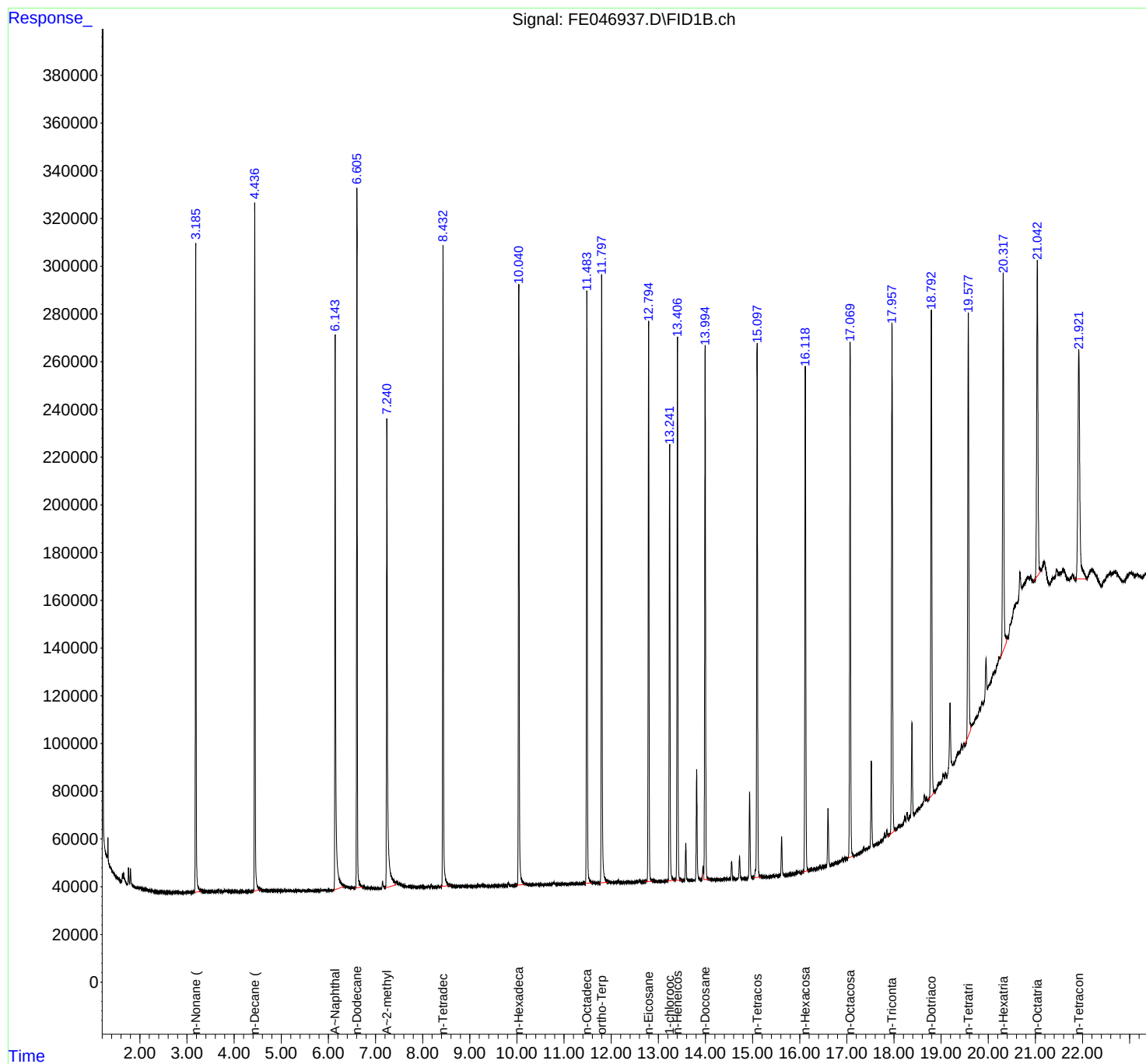
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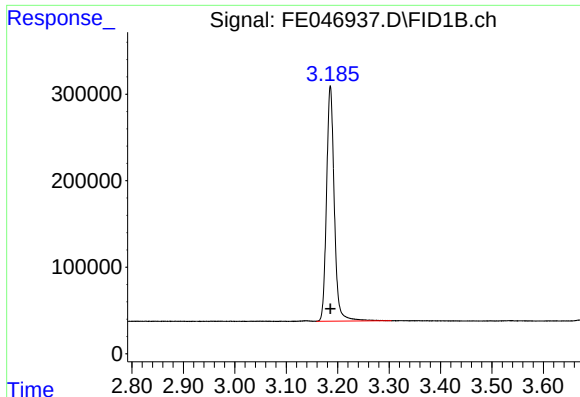
(m)=manual int.

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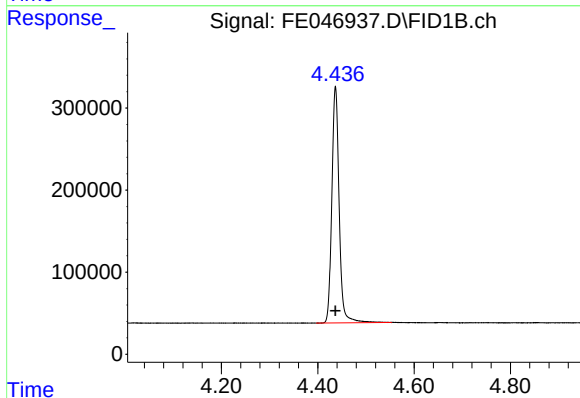
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Signal Info : 20M x 0.18mm x 0.18um





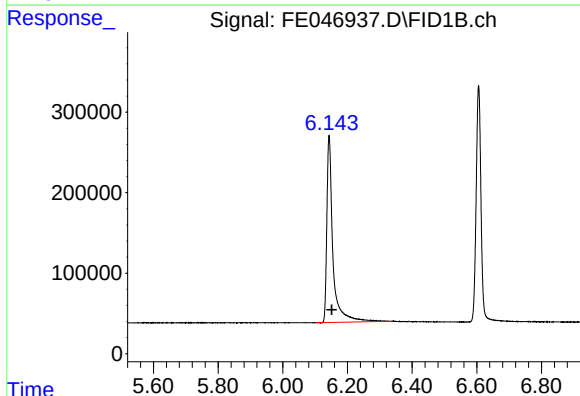
#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 2849414
Conc: 18.69 ug/ml



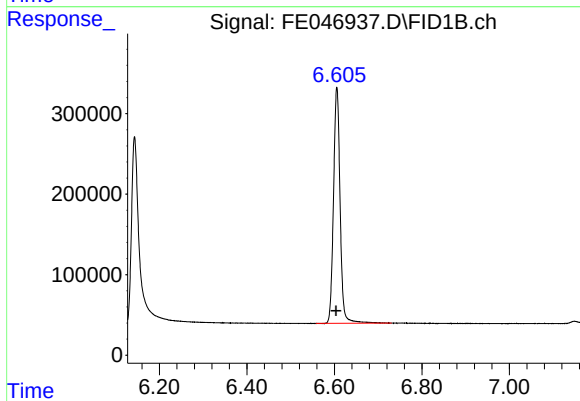
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 3025964
Conc: 19.54 ug/ml



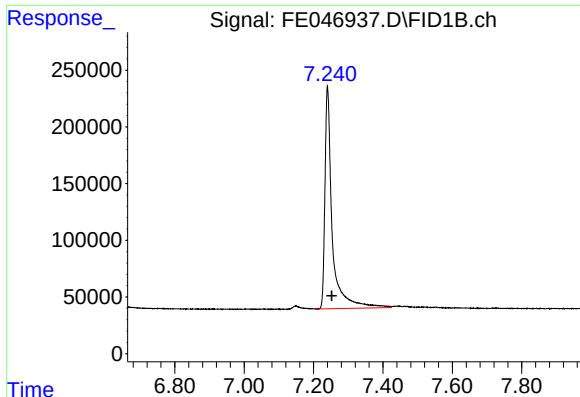
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min
Delta R.T.: -0.008 min
Response: 3040094
Conc: 19.30 ug/ml



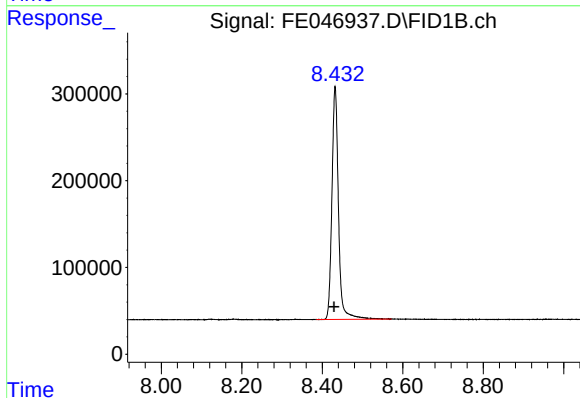
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 3069980
Conc: 19.74 ug/ml



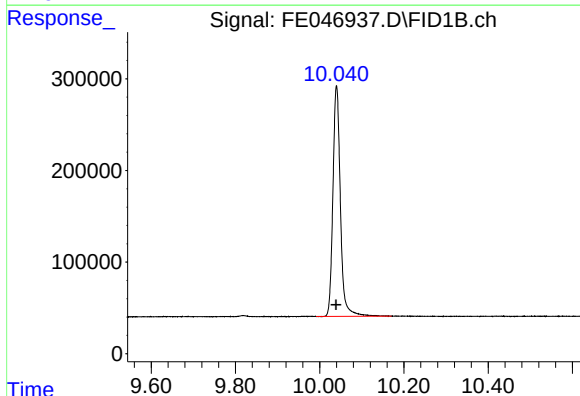
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.240 min
Delta R.T.: -0.012 min
Response: 2882850
Conc: 20.10 ug/ml



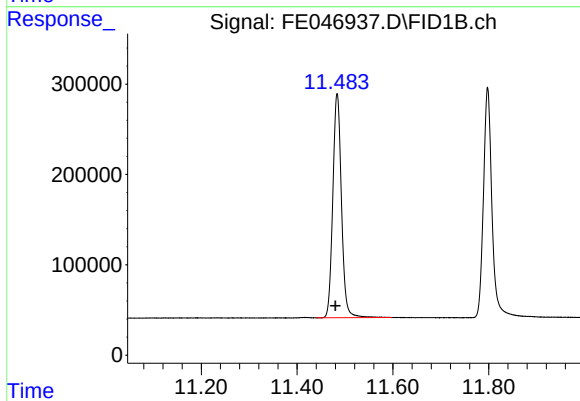
#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 3035523
Conc: 19.69 ug/ml



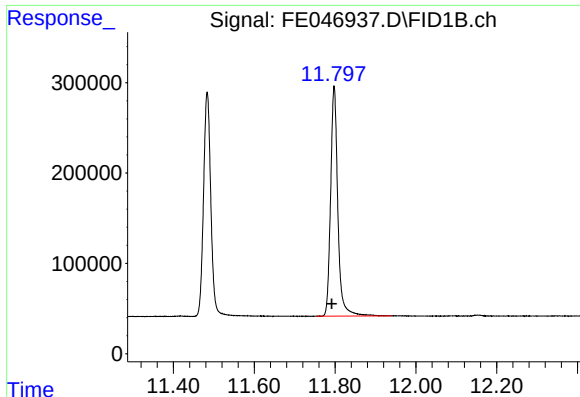
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.002 min
Response: 3105267
Conc: 19.57 ug/ml



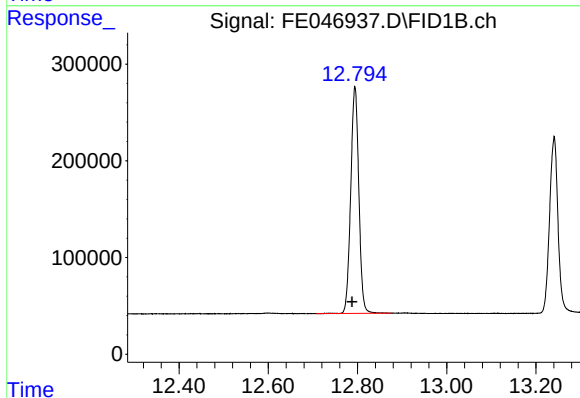
#8 n-Octadecane (C18)

R.T.: 11.484 min
Delta R.T.: 0.004 min
Response: 3101506
Conc: 19.46 ug/ml



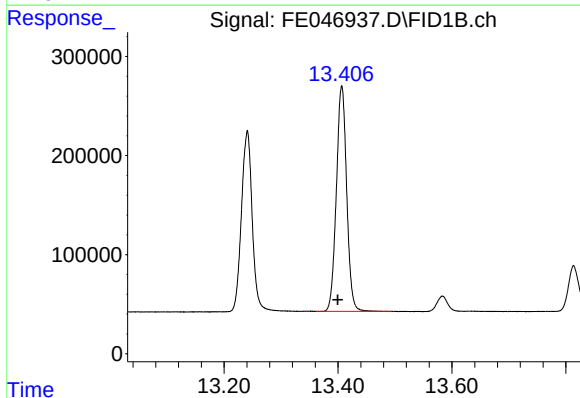
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: 0.006 min
Response: 3157042
Conc: 19.22 ug/ml



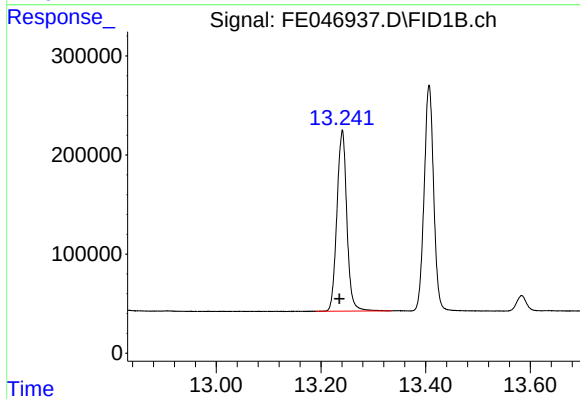
#10 n-Eicosane (C20)

R.T.: 12.794 min
Delta R.T.: 0.007 min
Response: 2956726
Conc: 19.53 ug/ml



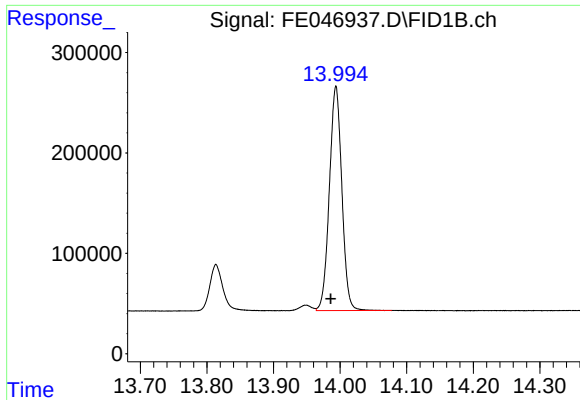
#11 n-Heneicosane (C21)

R.T.: 13.407 min
Delta R.T.: 0.007 min
Response: 2866086
Conc: 19.35 ug/ml



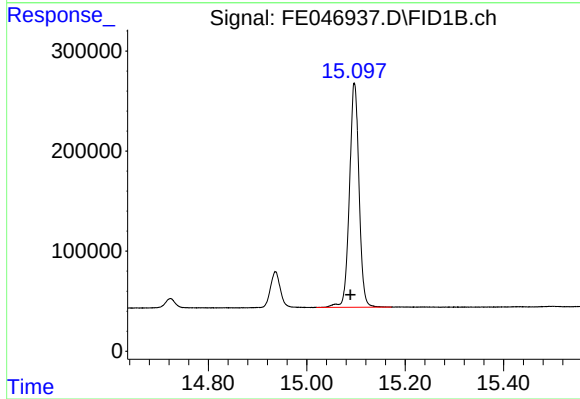
#12 1-chlorooctadecane (SURR)

R.T.: 13.241 min
Delta R.T.: 0.006 min
Response: 2403203
Conc: 19.52 ug/ml



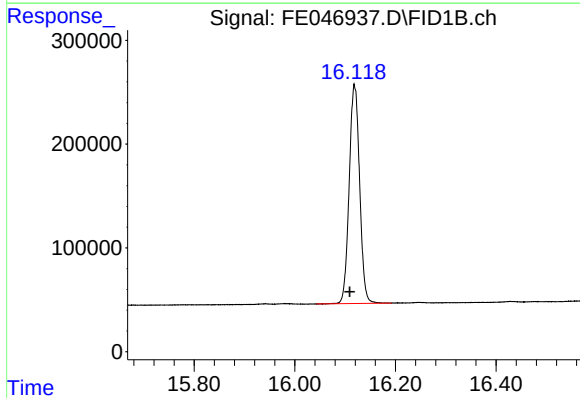
#13 n-Docosane (C22)

R.T.: 13.994 min
Delta R.T.: 0.008 min
Response: 2910462
Conc: 20.00 ug/ml



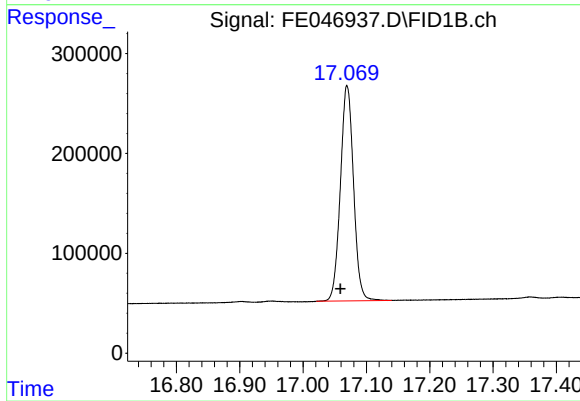
#14 n-Tetracosane (C24)

R.T.: 15.097 min
Delta R.T.: 0.008 min
Response: 3033033
Conc: 21.24 ug/ml



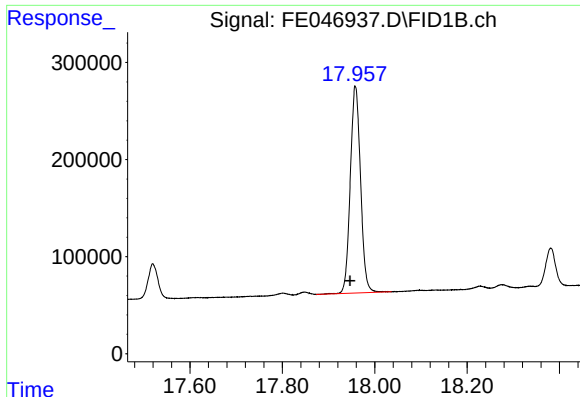
#15 n-Hexacosane (C26)

R.T.: 16.119 min
Delta R.T.: 0.009 min
Response: 3038773
Conc: 21.75 ug/ml



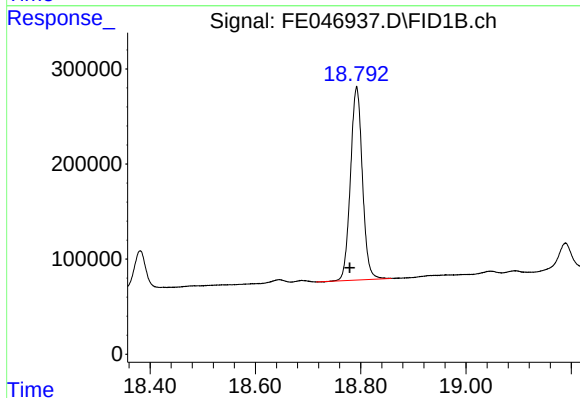
#16 n-Octacosane (C28)

R.T.: 17.069 min
Delta R.T.: 0.010 min
Response: 3111667
Conc: 22.84 ug/ml



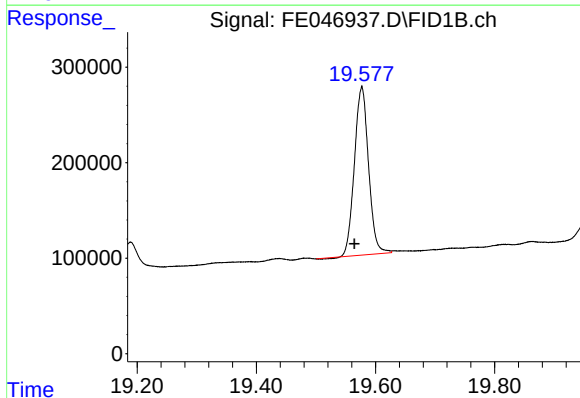
#17 n-Tricontane (C30)

R.T.: 17.958 min
Delta R.T.: 0.011 min
Response: 3288409
Conc: 23.57 ug/ml



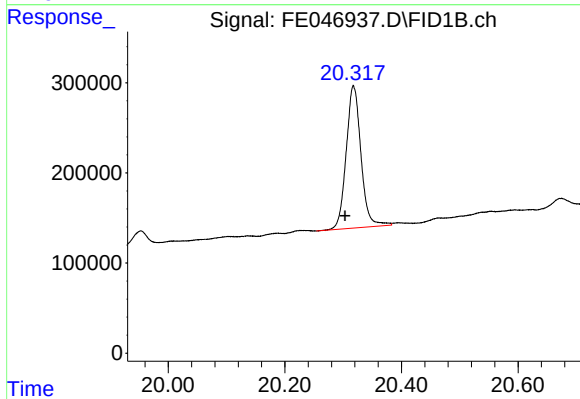
#18 n-Dotriacontane (C32)

R.T.: 18.792 min
Delta R.T.: 0.013 min
Response: 3192314
Conc: 23.20 ug/ml



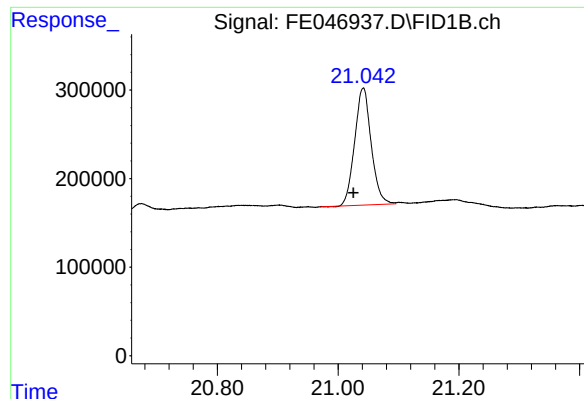
#19 n-Tetratriacontane (C34)

R.T.: 19.577 min
Delta R.T.: 0.013 min
Response: 2898506
Conc: 21.58 ug/ml



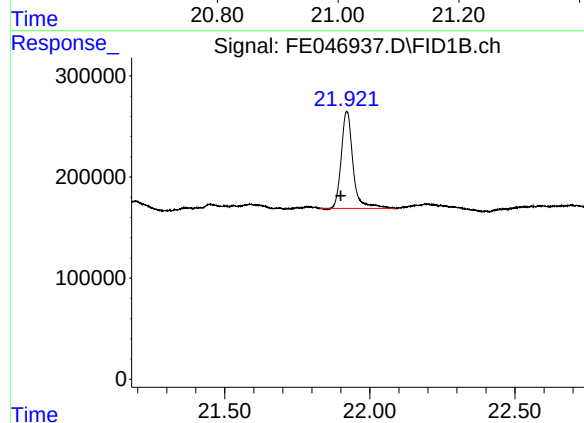
#20 n-Hexatriacontane (C36)

R.T.: 20.318 min
Delta R.T.: 0.014 min
Response: 2773251
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.042 min
Delta R.T.: 0.016 min
Response: 2511499
Conc: 18.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: 0.020 min
Response: 2696622
Conc: 19.11 ug/ml