

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE046987.D
 Signal(s) : FID1B.ch
 Acq On : 29 Feb 2024 08:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:07:01 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)	11.795	3366250	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.236	2544829	20.673 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T n-Nonane (C9)	3.183	3230016	21.182 ug/ml
2) T n-Decane (C10)	4.434	3304554	21.336 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3319322	21.075 ug/ml
4) T n-Dodecane (C12)	6.603	3331739	21.428 ug/ml
5) T A~2-methylnaphthalene...	7.238	3111429	21.698 ug/ml
6) T n-Tetradecane (C14)	8.429	3286428	21.313 ug/ml
7) T n-Hexadecane (C16)	10.037	3342296	21.065 ug/ml
8) T n-Octadecane (C18)	11.481	3317509	20.810 ug/ml
10) T n-Eicosane (C20)	12.790	3114758	20.577 ug/ml
11) T n-Heneicosane (C21)	13.403	3024221	20.423 ug/ml
13) T n-Docosane (C22)	13.989	2996627	20.596 ug/ml
14) T n-Tetracosane (C24)	15.093	2944762	20.619 ug/ml
15) T n-Hexacosane (C26)	16.114	2899876	20.752 ug/ml
16) T n-Octacosane (C28)	17.065	2877332	21.120 ug/ml
17) T n-Tricontane (C30)	17.953	3033895	21.746 ug/ml
18) T n-Dotriacontane (C32)	18.787	2991755	21.742 ug/ml
19) T n-Tetratriacontane (C34)	19.572	2979692	22.181 ug/ml
20) T n-Hexatriacontane (C36)	20.314	3043029	22.852 ug/ml
21) T n-Octatriacontane (C38)	21.036	3032871	22.011 ug/ml
22) T n-Tetracontane (C40)	21.913	3419388	24.236 ug/ml

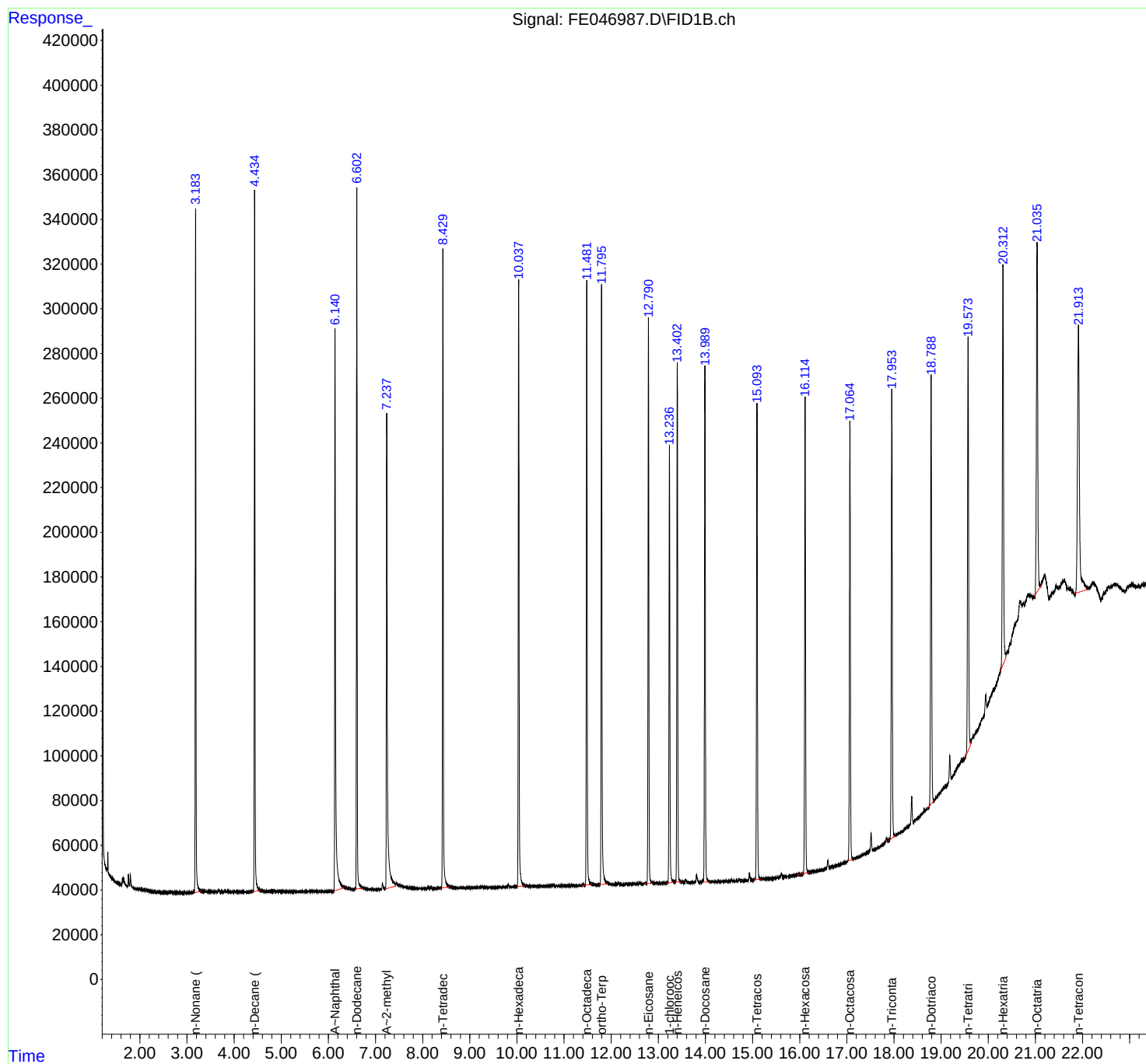
(f)=RT Delta > 1/2 Window

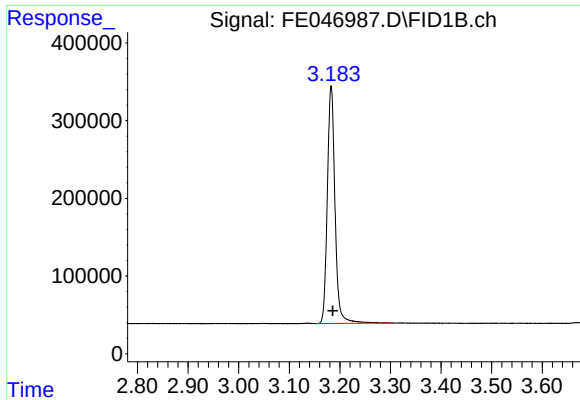
(m)=manual int.

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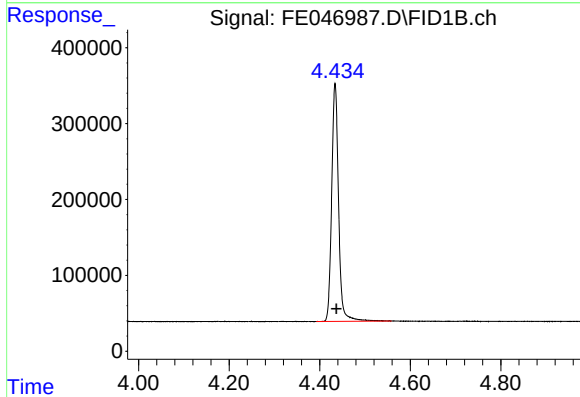
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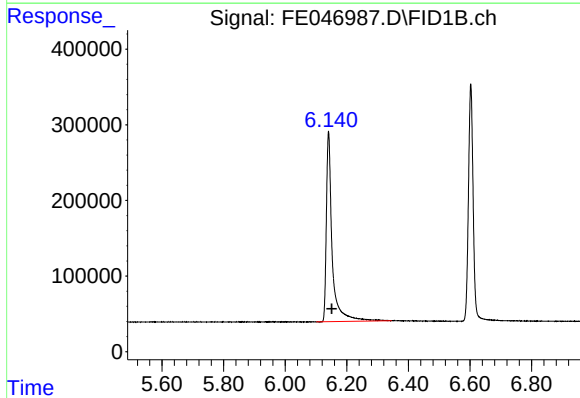
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.003 min
Response: 3230016
Conc: 21.18 ug/ml



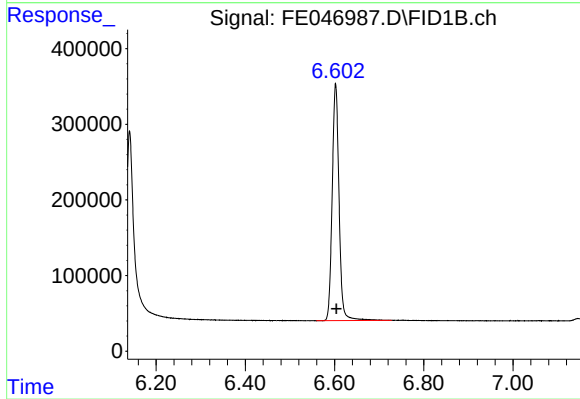
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 3304554
Conc: 21.34 ug/ml



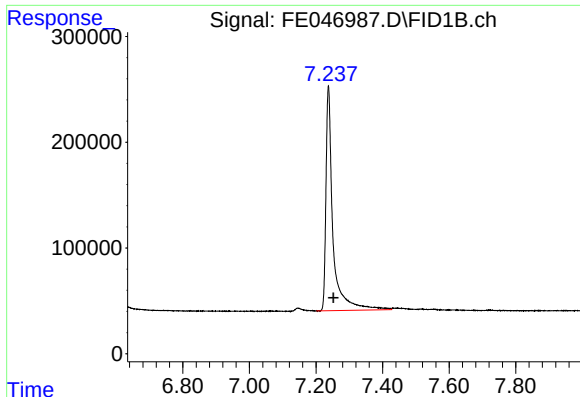
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.011 min
Response: 3319322
Conc: 21.07 ug/ml



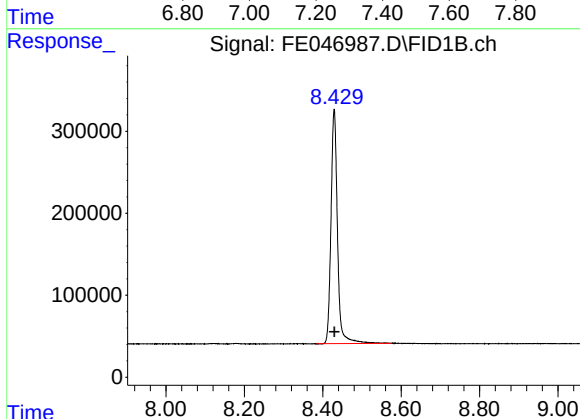
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 3331739
Conc: 21.43 ug/ml



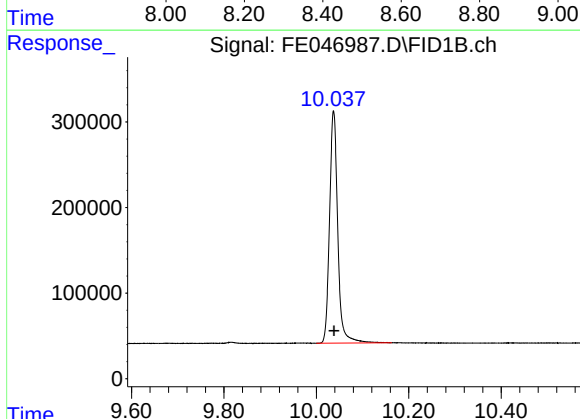
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 3111429
Conc: 21.70 ug/ml



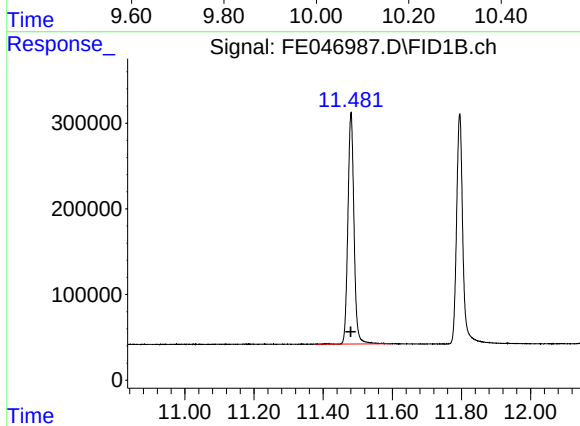
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3286428
Conc: 21.31 ug/ml



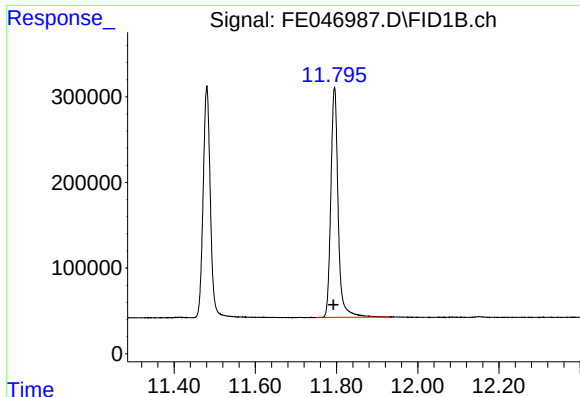
#7 n-Hexadecane (C16)

R.T.: 10.037 min
Delta R.T.: -0.001 min
Response: 3342296
Conc: 21.07 ug/ml



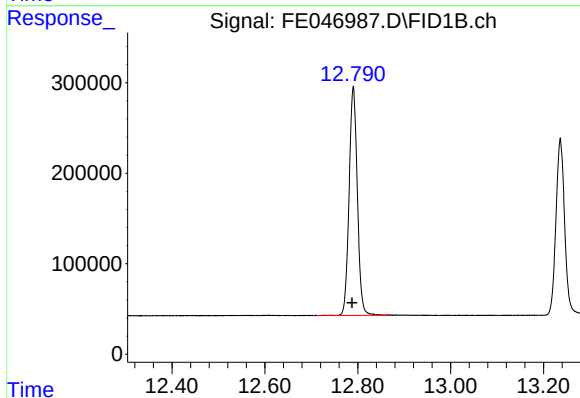
#8 n-Octadecane (C18)

R.T.: 11.481 min
Delta R.T.: 0.000 min
Response: 3317509
Conc: 20.81 ug/ml



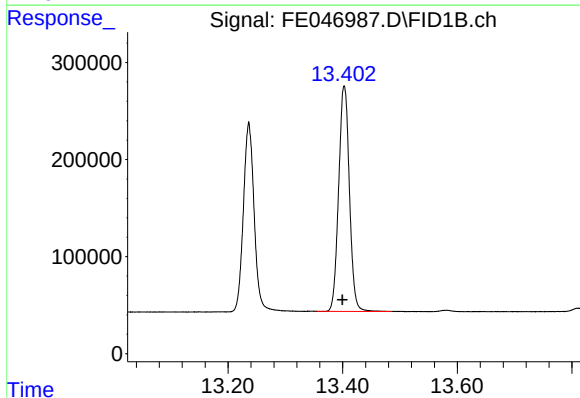
#9 ortho-Terphenyl (SURR)

R.T.: 11.795 min
Delta R.T.: 0.003 min
Response: 3366250
Conc: 20.49 ug/ml



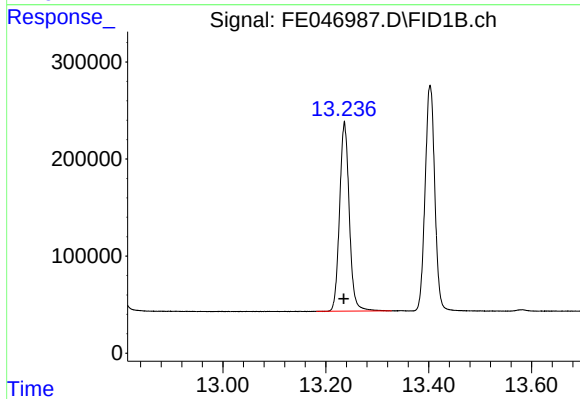
#10 n-Eicosane (C20)

R.T.: 12.790 min
Delta R.T.: 0.003 min
Response: 3114758
Conc: 20.58 ug/ml



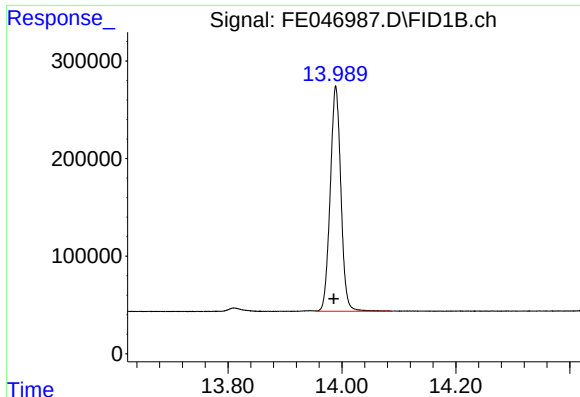
#11 n-Heneicosane (C21)

R.T.: 13.403 min
Delta R.T.: 0.003 min
Response: 3024221
Conc: 20.42 ug/ml



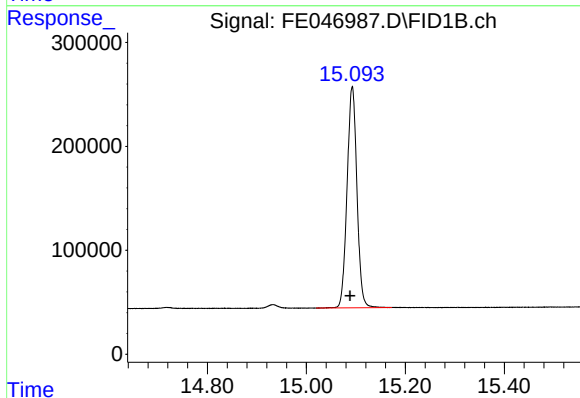
#12 1-chlorooctadecane (SURR)

R.T.: 13.236 min
Delta R.T.: 0.001 min
Response: 2544829
Conc: 20.67 ug/ml



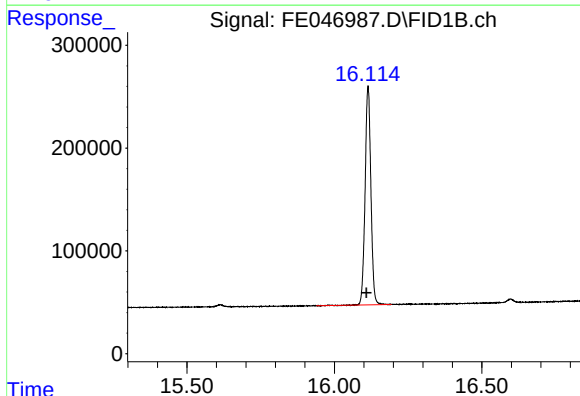
#13 n-Docosane (C22)

R.T.: 13.989 min
Delta R.T.: 0.003 min
Response: 2996627
Conc: 20.60 ug/ml



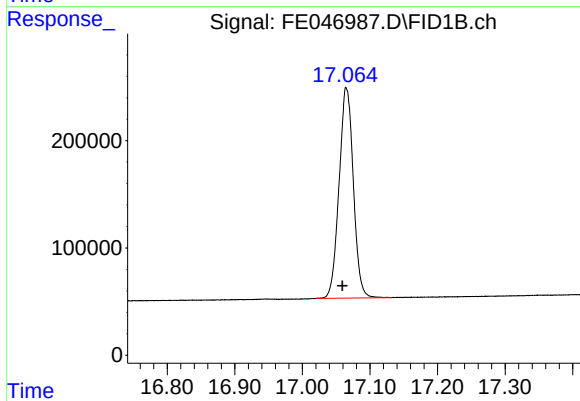
#14 n-Tetracosane (C24)

R.T.: 15.093 min
Delta R.T.: 0.004 min
Response: 2944762
Conc: 20.62 ug/ml



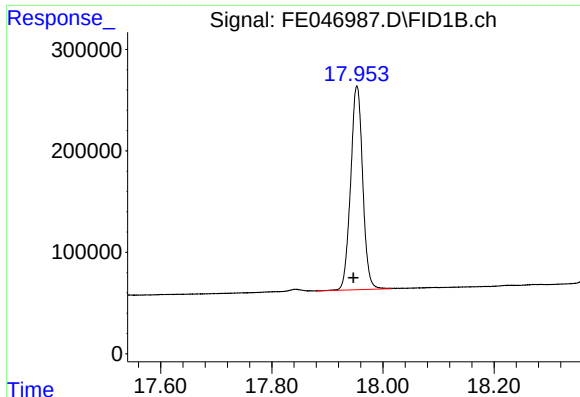
#15 n-Hexacosane (C26)

R.T.: 16.114 min
Delta R.T.: 0.005 min
Response: 2899876
Conc: 20.75 ug/ml



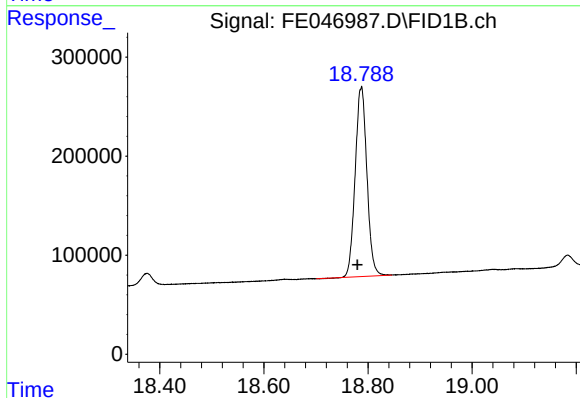
#16 n-Octacosane (C28)

R.T.: 17.065 min
Delta R.T.: 0.006 min
Response: 2877332
Conc: 21.12 ug/ml



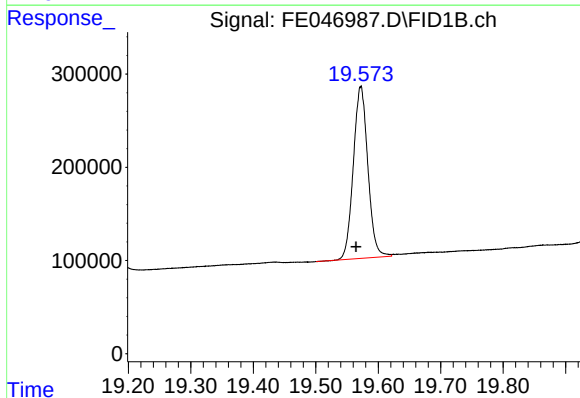
#17 n-Tricontane (C30)

R.T.: 17.953 min
Delta R.T.: 0.007 min
Response: 3033895
Conc: 21.75 ug/ml



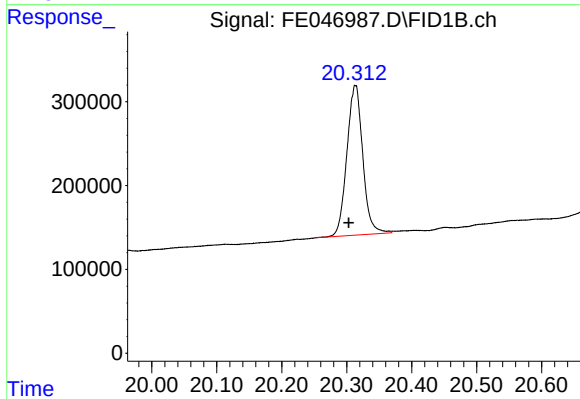
#18 n-Dotriacontane (C32)

R.T.: 18.787 min
Delta R.T.: 0.008 min
Response: 2991755
Conc: 21.74 ug/ml



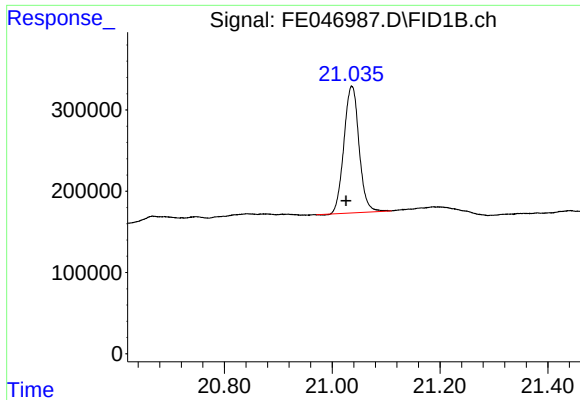
#19 n-Tetratriacontane (C34)

R.T.: 19.572 min
Delta R.T.: 0.008 min
Response: 2979692
Conc: 22.18 ug/ml



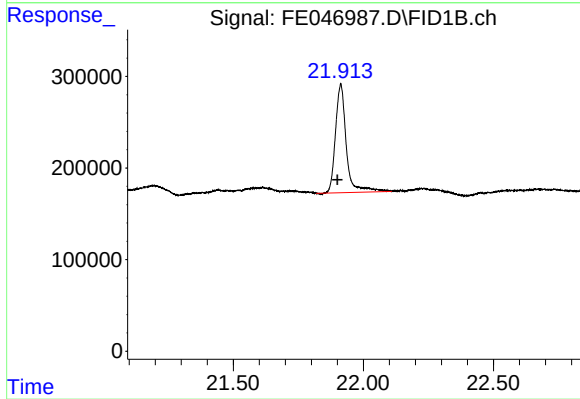
#20 n-Hexatriacontane (C36)

R.T.: 20.314 min
Delta R.T.: 0.010 min
Response: 3043029
Conc: 22.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.036 min
Delta R.T.: 0.011 min
Response: 3032871
Conc: 22.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: 0.013 min
Response: 3419388
Conc: 24.24 ug/ml