

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121923AL\
 Data File : FE045907.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2023 05:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 19 22:22:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.842	4166811	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	13.285	3073516	19.534 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.228	3469415	21.879 ug/ml
2) T n-Decane (C10)	4.479	3524519	22.010 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3810914	21.877 ug/ml
4) T n-Dodecane (C12)	6.646	3555982	22.015 ug/ml
5) T A~2-methylnaphthalene...	7.275	3699649	21.786 ug/ml
6) T n-Tetradecane (C14)	8.473	3523246	21.962 ug/ml
7) T n-Hexadecane (C16)	10.083	3575882	21.594 ug/ml
8) T n-Octadecane (C18)	11.529	3571790	20.833 ug/ml
10) T n-Eicosane (C20)	12.841	3439325	19.878 ug/ml
11) T n-Heneicosane (C21)	13.454	3364127	19.555 ug/ml
13) T n-Docosane (C22)	14.041	3300044	19.139 ug/ml
14) T n-Tetracosane (C24)	15.146	3207887	18.375 ug/ml
15) T n-Hexacosane (C26)	16.170	3113469	17.878 ug/ml
16) T n-Octacosane (C28)	17.123	3050790	17.652 ug/ml
17) T n-Tricontane (C30)	18.013	3100020	17.720 ug/ml
18) T n-Dotriacontane (C32)	18.849	3120246	17.103 ug/ml
19) T n-Tetratriacontane (C34)	19.635	3086169	18.599 ug/ml
20) T n-Hexatriacontane (C36)	20.379	3132977	19.737 ug/ml
21) T n-Octatriacontane (C38)	21.115	3269541	20.849 ug/ml
22) T n-Tetracontane (C40)	22.015	3319501	23.358 ug/ml

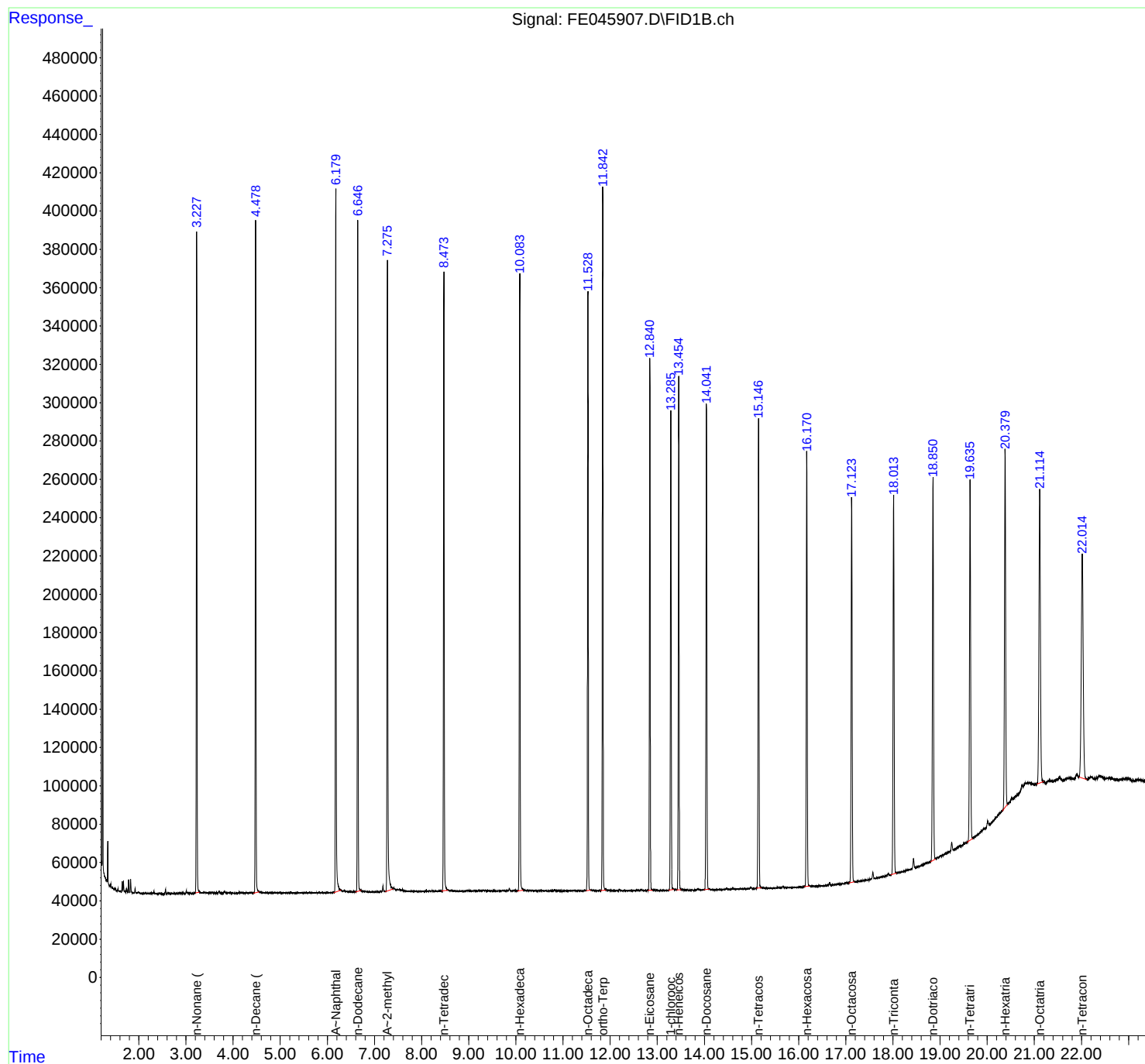
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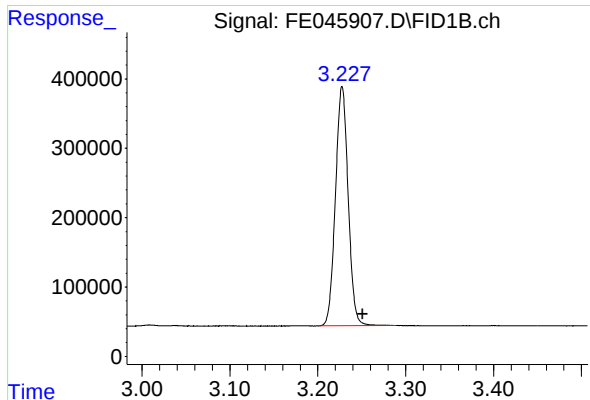
(m)=manual int.

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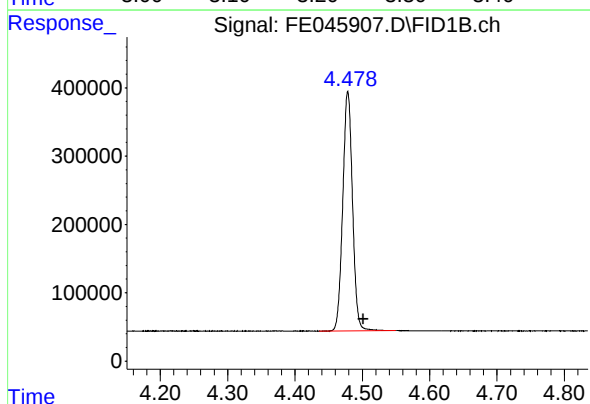
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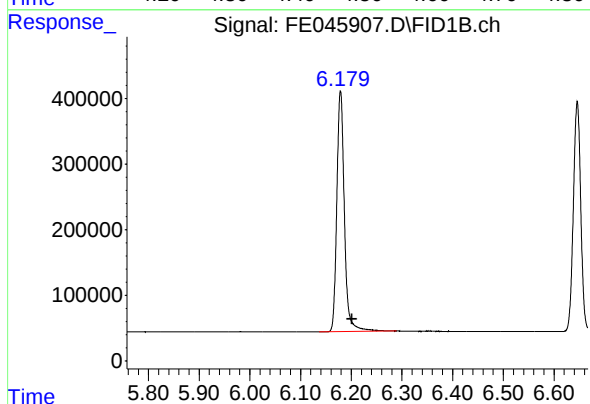
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: -0.023 min
Response: 3469415
Conc: 21.88 ug/ml



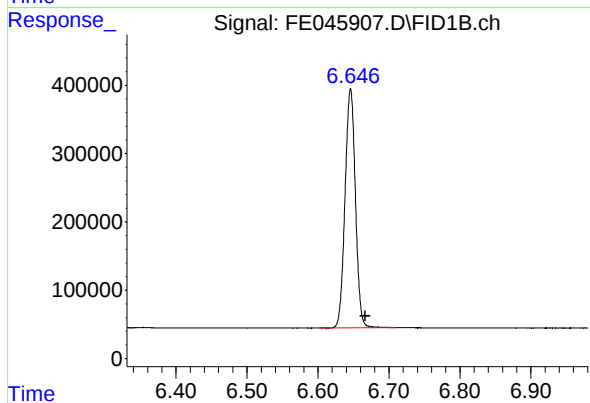
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.023 min
Response: 3524519
Conc: 22.01 ug/ml



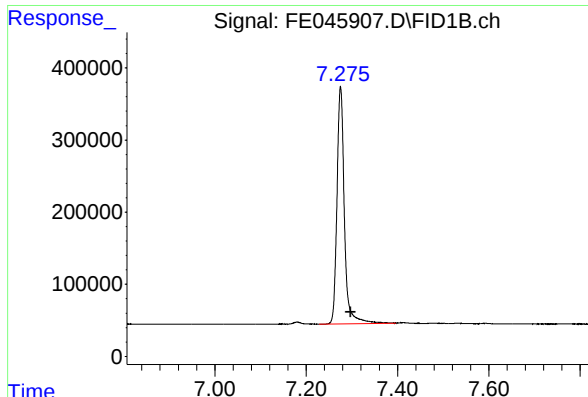
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.023 min
Response: 3810914
Conc: 21.88 ug/ml



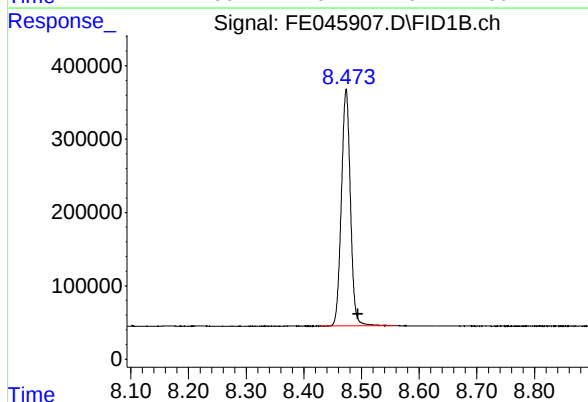
#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.021 min
Response: 3555982
Conc: 22.01 ug/ml



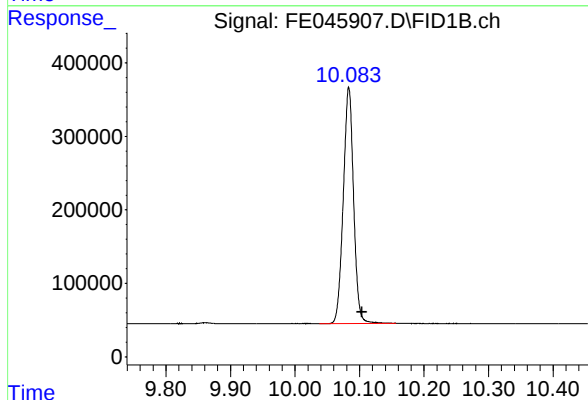
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.022 min
Response: 3699649
Conc: 21.79 ug/ml



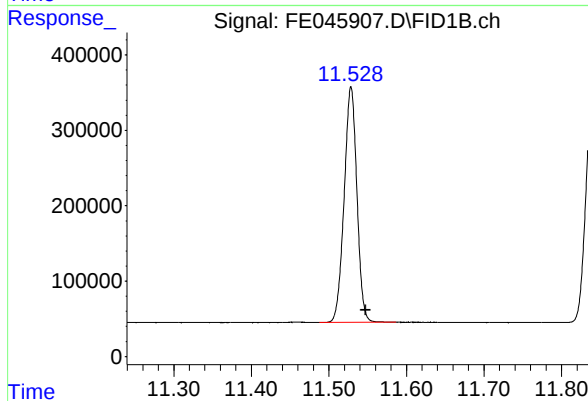
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.021 min
Response: 3523246
Conc: 21.96 ug/ml



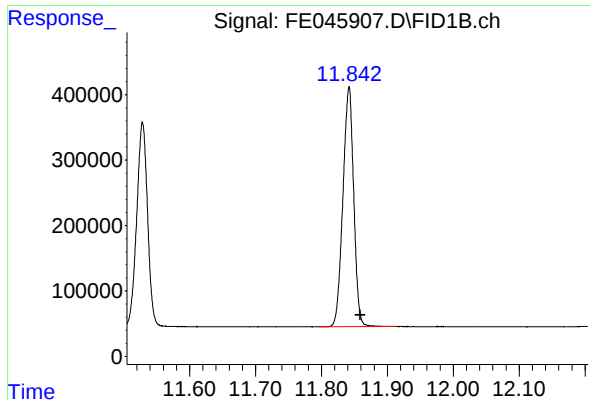
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.021 min
Response: 3575882
Conc: 21.59 ug/ml



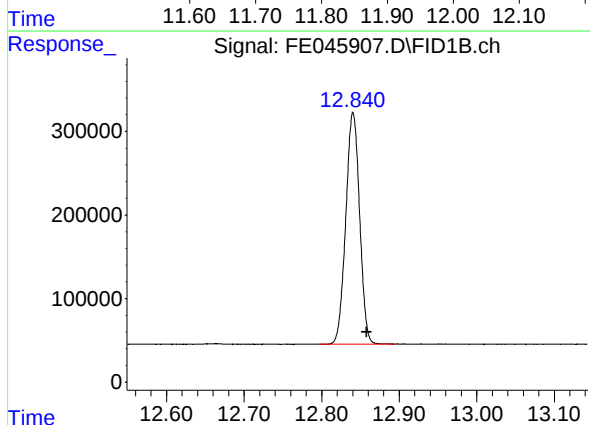
#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.019 min
Response: 3571790
Conc: 20.83 ug/ml



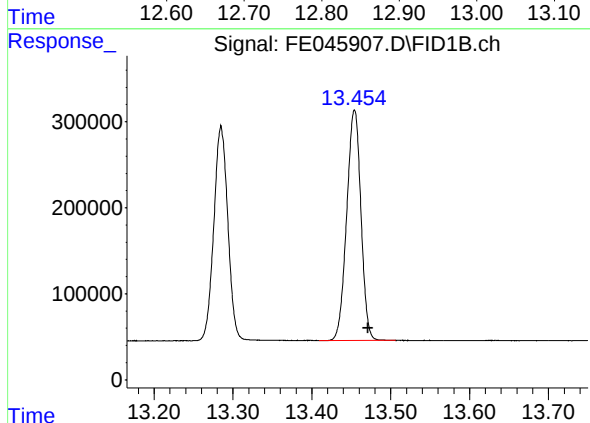
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.017 min
Response: 4166811
Conc: 19.93 ug/ml



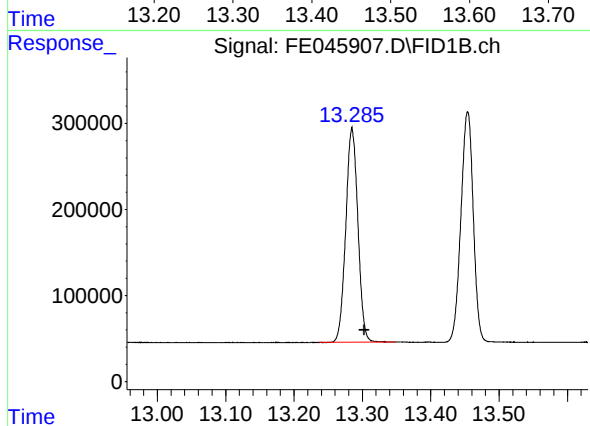
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.018 min
Response: 3439325
Conc: 19.88 ug/ml



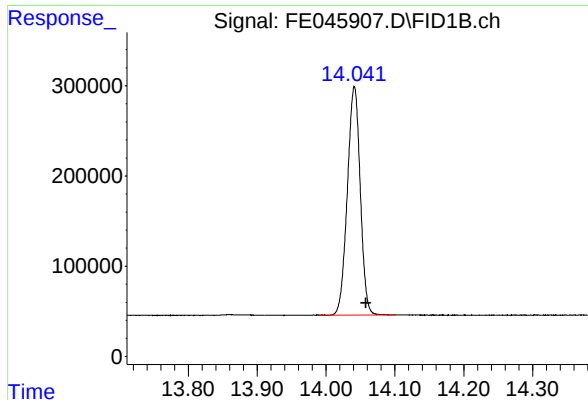
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.017 min
Response: 3364127
Conc: 19.56 ug/ml



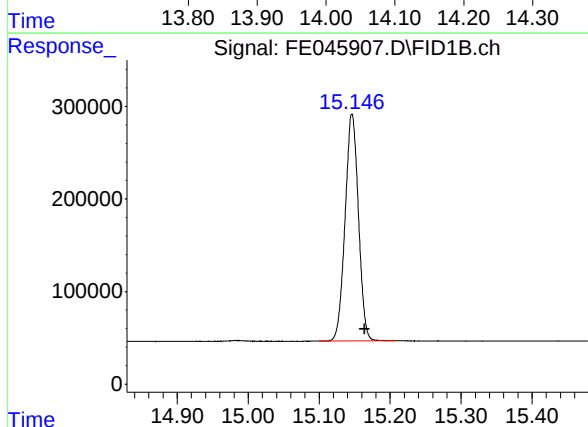
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.018 min
Response: 3073516
Conc: 19.53 ug/ml



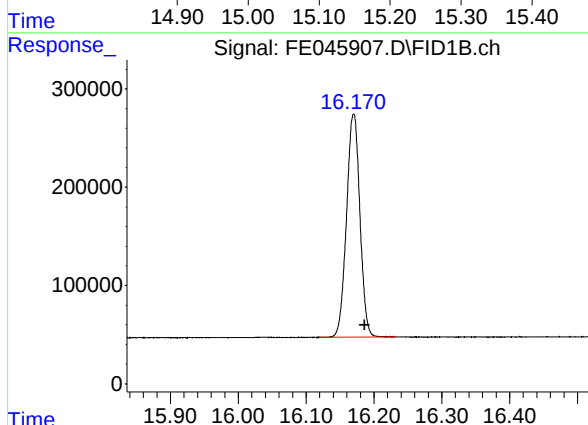
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.017 min
Response: 3300044
Conc: 19.14 ug/ml



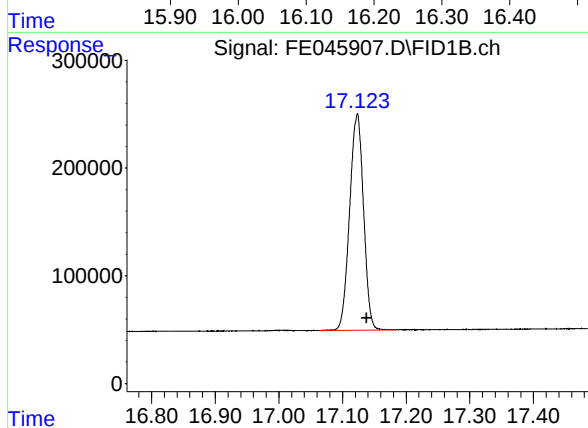
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 3207887
Conc: 18.37 ug/ml



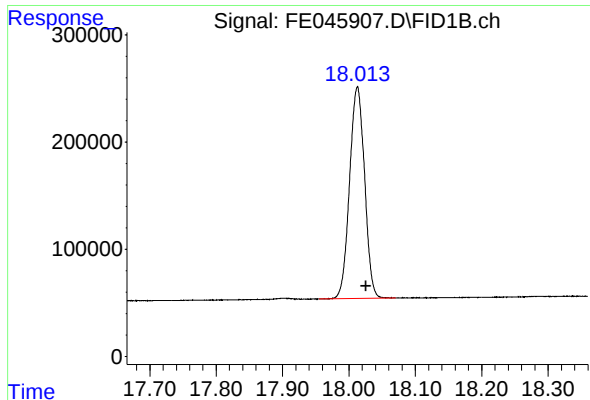
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.016 min
Response: 3113469
Conc: 17.88 ug/ml



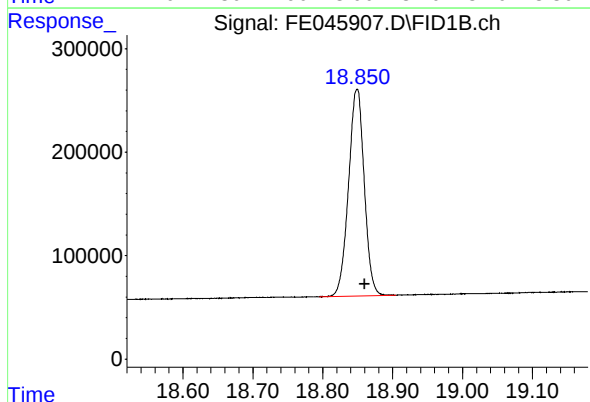
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.015 min
Response: 3050790
Conc: 17.65 ug/ml



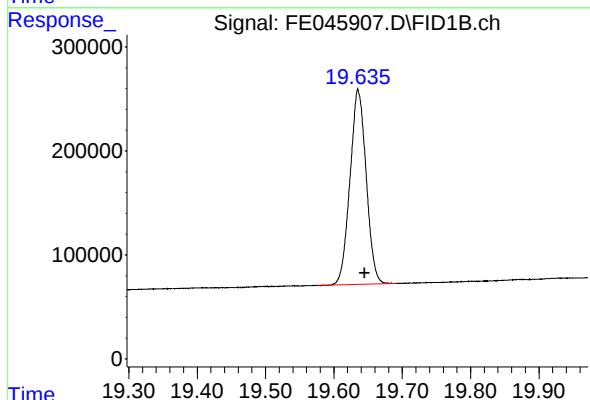
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.013 min
Response: 3100020
Conc: 17.72 ug/ml



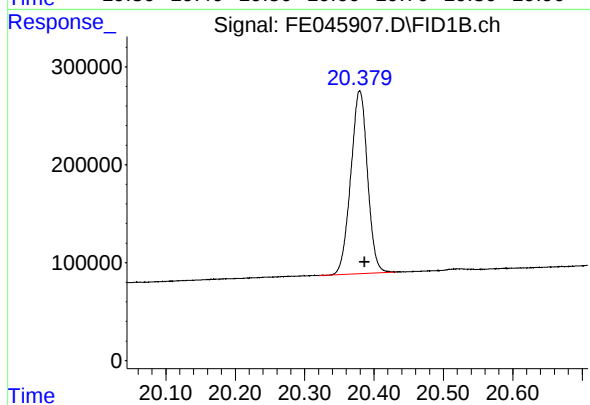
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.011 min
Response: 3120246
Conc: 17.10 ug/ml



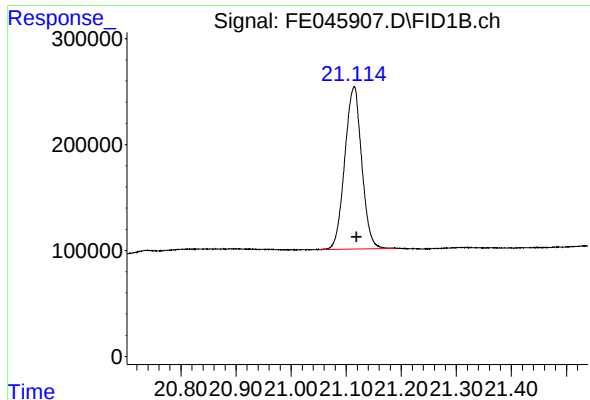
#19 n-Tetatriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.009 min
Response: 3086169
Conc: 18.60 ug/ml



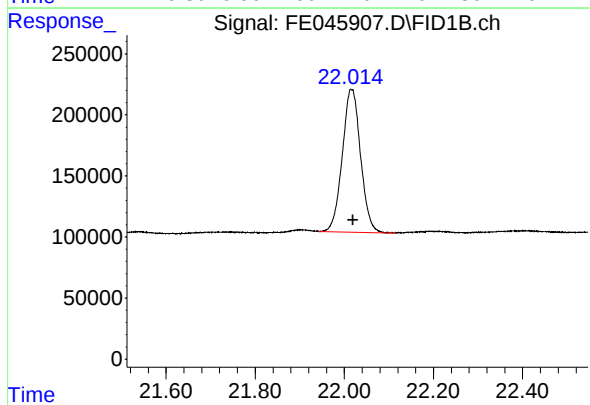
#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.007 min
Response: 3132977
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.004 min
Response: 3269541
Conc: 20.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.005 min
Response: 3319501
Conc: 23.36 ug/ml