

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031124AL\
 Data File : FE047166.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2024 12:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 12 01:24:48 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)	11.777	3010256	18.322 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
12) S 1-chlorooctadecane (S...	13.220	2287421	18.582 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.170	2585862	16.957 ug/ml
2) T n-Decane (C10)	4.421	2726326	17.603 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2621945	16.647 ug/ml
4) T n-Dodecane (C12)	6.589	2768915	17.808 ug/ml
5) T A~2-methylnaphthalene...	7.227	2439255	17.010 ug/ml
6) T n-Tetradecane (C14)	8.415	2788929	18.086 ug/ml
7) T n-Hexadecane (C16)	10.023	2900781	18.282 ug/ml
8) T n-Octadecane (C18)	11.464	2962386	18.582 ug/ml
10) T n-Eicosane (C20)	12.773	2817681	18.615 ug/ml
11) T n-Heneicosane (C21)	13.386	2748686	18.562 ug/ml
13) T n-Docosane (C22)	13.971	2747795	18.886 ug/ml
14) T n-Tetracosane (C24)	15.075	2763717	19.351 ug/ml
15) T n-Hexacosane (C26)	16.097	2738201	19.595 ug/ml
16) T n-Octacosane (C28)	17.047	2803367	20.577 ug/mlm
17) T n-Tricontane (C30)	17.934	3058257	21.920 ug/mlm
18) T n-Dotriacontane (C32)	18.767	3106405	22.575 ug/ml
19) T n-Tetratriacontane (C34)	19.553	2913056	21.685 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2749062	20.645 ug/ml
21) T n-Octatriacontane (C38)	21.012	2714011	19.697 ug/ml
22) T n-Tetracontane (C40)	21.882	2710687	19.212 ug/ml

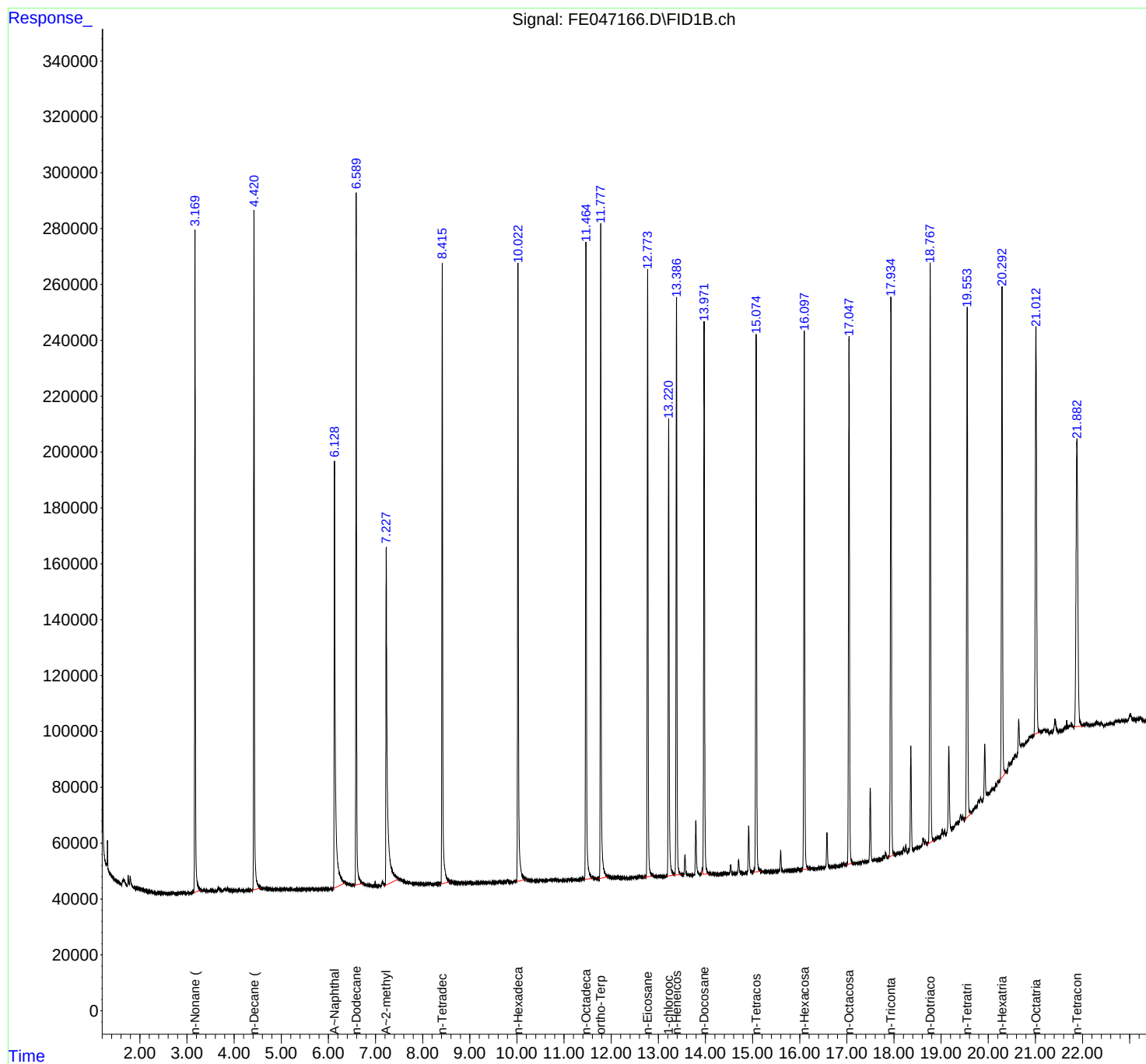
(f)=RT Delta > 1/2 Window

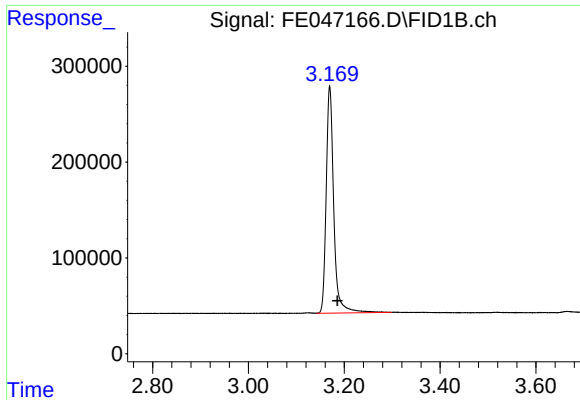
(m)=manual int.

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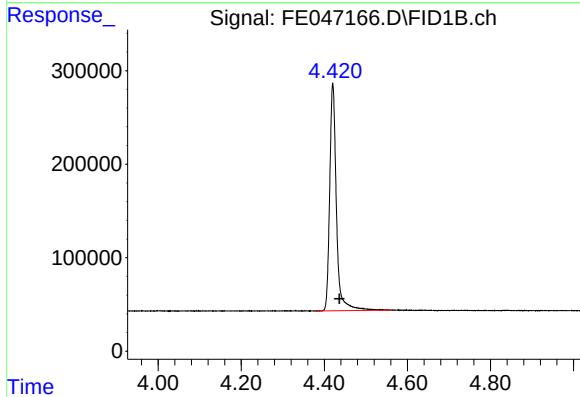
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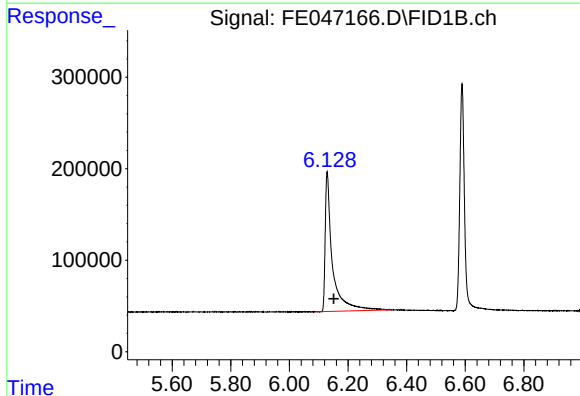
#1 n-Nonane (C9)

R.T.: 3.170 min
Delta R.T.: -0.016 min
Response: 2585862
Conc: 16.96 ug/ml



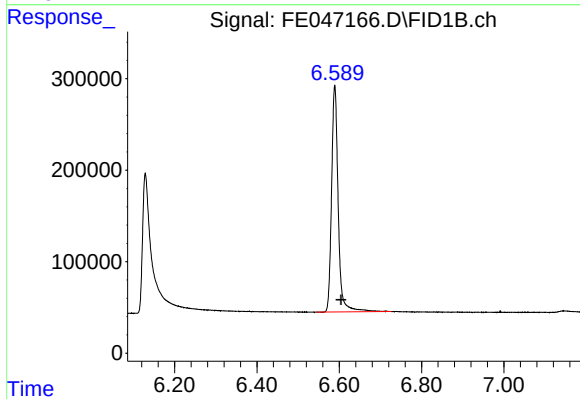
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.016 min
Response: 2726326
Conc: 17.60 ug/ml



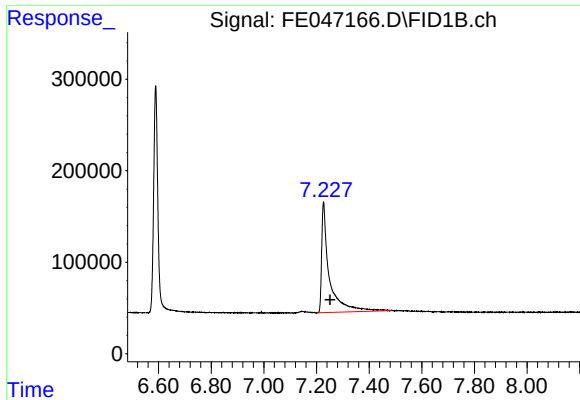
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.022 min
Response: 2621945
Conc: 16.65 ug/ml



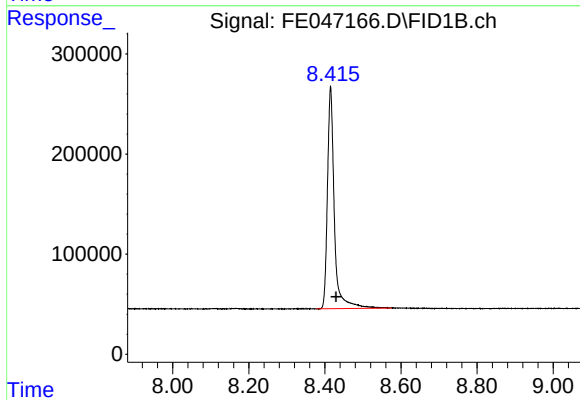
#4 n-Dodecane (C12)

R.T.: 6.589 min
Delta R.T.: -0.015 min
Response: 2768915
Conc: 17.81 ug/ml



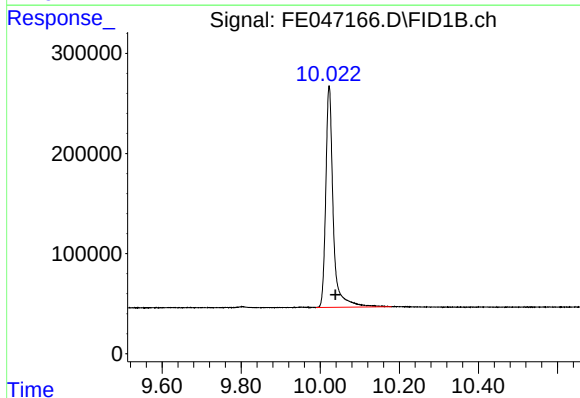
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.227 min
Delta R.T.: -0.025 min
Response: 2439255
Conc: 17.01 ug/ml



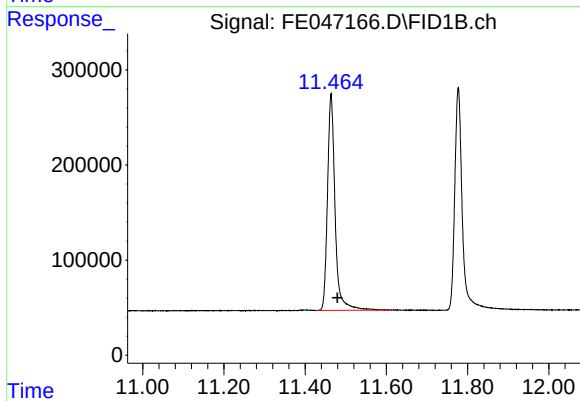
#6 n-Tetradecane (C14)

R.T.: 8.415 min
Delta R.T.: -0.015 min
Response: 2788929
Conc: 18.09 ug/ml



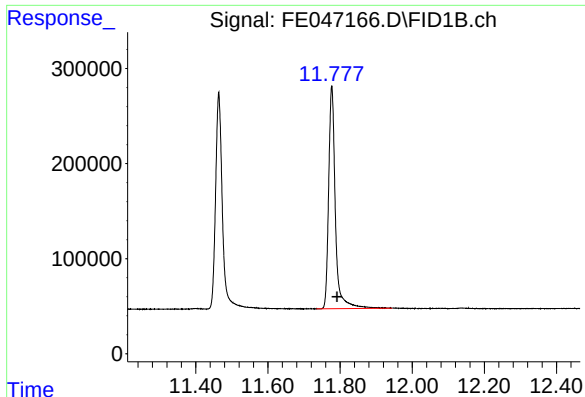
#7 n-Hexadecane (C16)

R.T.: 10.023 min
Delta R.T.: -0.016 min
Response: 2900781
Conc: 18.28 ug/ml



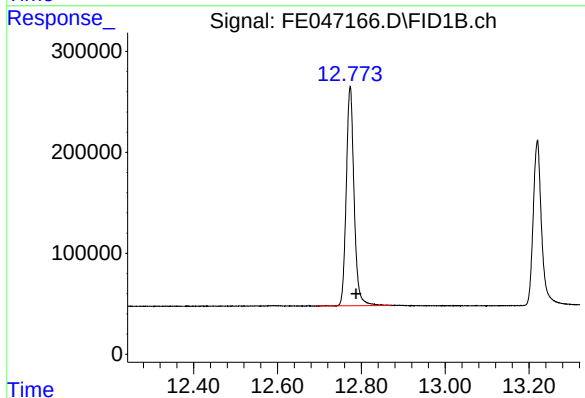
#8 n-Octadecane (C18)

R.T.: 11.464 min
Delta R.T.: -0.016 min
Response: 2962386
Conc: 18.58 ug/ml



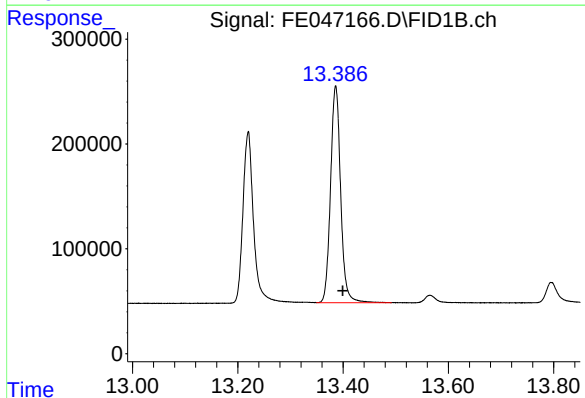
#9 ortho-Terphenyl (SURR)

R.T.: 11.777 min
Delta R.T.: -0.015 min
Response: 3010256
Conc: 18.32 ug/ml



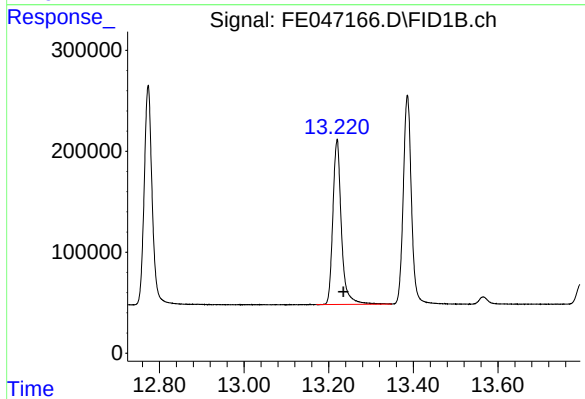
#10 n-Eicosane (C20)

R.T.: 12.773 min
Delta R.T.: -0.014 min
Response: 2817681
Conc: 18.61 ug/ml



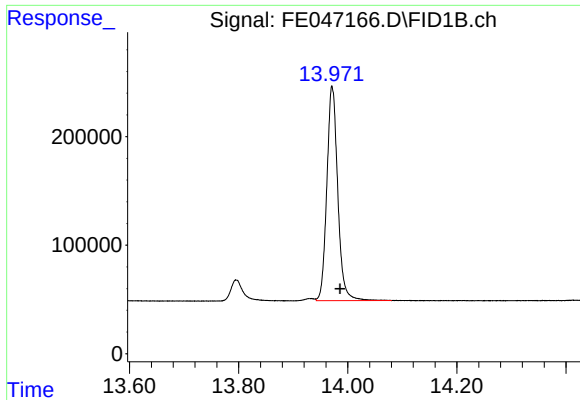
#11 n-Heneicosane (C21)

R.T.: 13.386 min
Delta R.T.: -0.014 min
Response: 2748686
Conc: 18.56 ug/ml



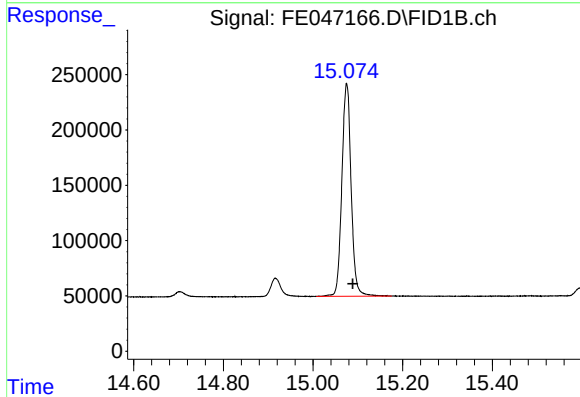
#12 1-chlorooctadecane (SURR)

R.T.: 13.220 min
Delta R.T.: -0.015 min
Response: 2287421
Conc: 18.58 ug/ml



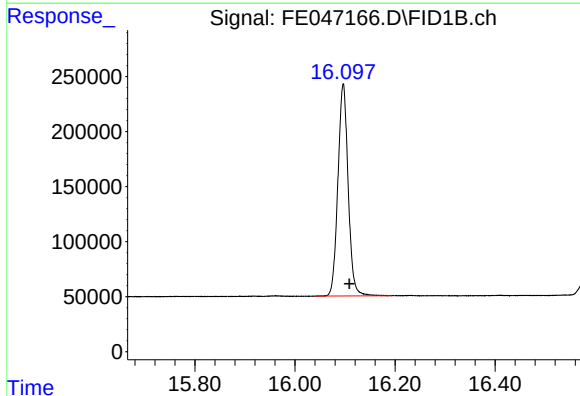
#13 n-Docosane (C22)

R.T.: 13.971 min
Delta R.T.: -0.015 min
Response: 2747795
Conc: 18.89 ug/ml



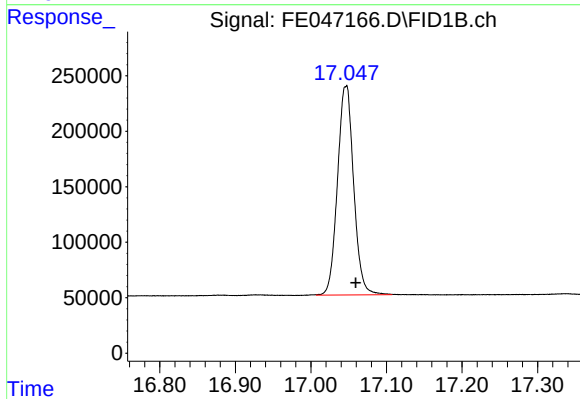
#14 n-Tetracosane (C24)

R.T.: 15.075 min
Delta R.T.: -0.014 min
Response: 2763717
Conc: 19.35 ug/ml



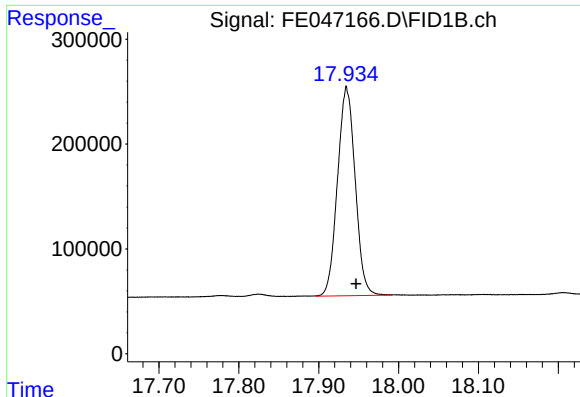
#15 n-Hexacosane (C26)

R.T.: 16.097 min
Delta R.T.: -0.013 min
Response: 2738201
Conc: 19.59 ug/ml



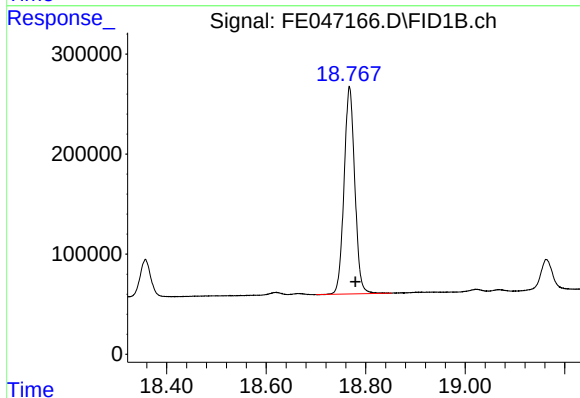
#16 n-Octacosane (C28)

R.T.: 17.047 min
Delta R.T.: -0.012 min
Response: 2803367
Conc: 20.58 ug/ml m



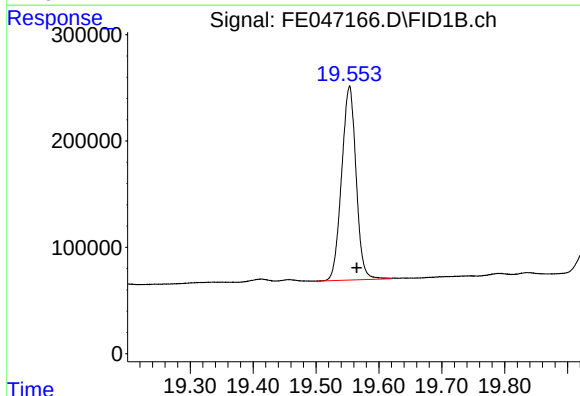
#17 n-Tricontane (C30)

R.T.: 17.934 min
Delta R.T.: -0.012 min
Response: 3058257
Conc: 21.92 ug/ml m



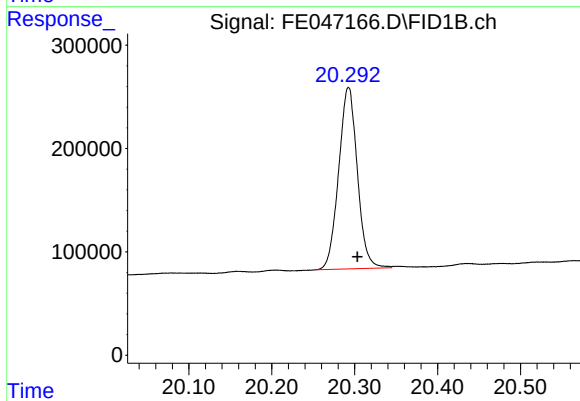
#18 n-Dotriacontane (C32)

R.T.: 18.767 min
Delta R.T.: -0.012 min
Response: 3106405
Conc: 22.58 ug/ml



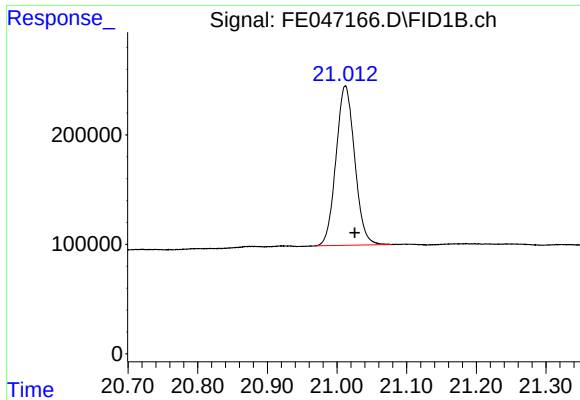
#19 n-Tetratriacontane (C34)

R.T.: 19.553 min
Delta R.T.: -0.011 min
Response: 2913056
Conc: 21.68 ug/ml



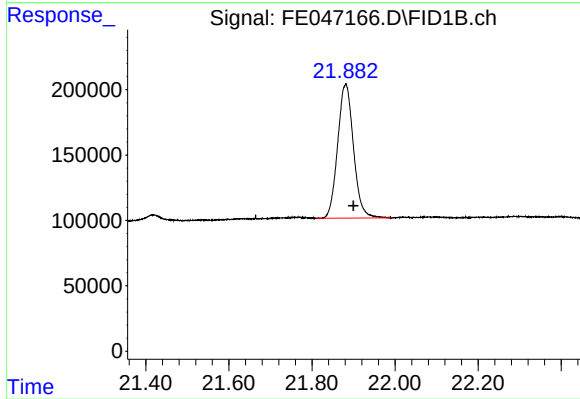
#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: -0.011 min
Response: 2749062
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: -0.014 min
Response: 2714011
Conc: 19.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.882 min
Delta R.T.: -0.018 min
Response: 2710687
Conc: 19.21 ug/ml