

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070722AL\
 Data File : FE036427.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2022 16:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 08 03:51:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.868	3656951	18.304 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
12) S 1-chlorooctadecane (S...	13.306	2853003	18.428 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.259	3340321	18.572 ug/ml
2) T n-Decane (C10)	4.513	3416245	19.005 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3756436	18.723 ug/ml
4) T n-Dodecane (C12)	6.681	3499742	18.895 ug/ml
5) T A~2-methylnaphthalene...	7.311	3769931	18.519 ug/ml
6) T n-Tetradecane (C14)	8.507	3512678	18.789 ug/ml
7) T n-Hexadecane (C16)	10.113	3517199	18.781 ug/ml
8) T n-Octadecane (C18)	11.555	3473606	18.671 ug/ml
10) T n-Eicosane (C20)	12.862	3357748	18.534 ug/ml
11) T n-Heneicosane (C21)	13.474	3317731	18.470 ug/ml
13) T n-Docosane (C22)	14.059	3259596	18.437 ug/ml
14) T n-Tetracosane (C24)	15.161	3178764	18.559 ug/ml
15) T n-Hexacosane (C26)	16.182	3101894	18.774 ug/ml
16) T n-Octacosane (C28)	17.132	3102387	19.381 ug/ml
17) T n-Tricontane (C30)	18.019	3197590	20.653 ug/ml
18) T n-Dotriacontane (C32)	18.851	3157391	21.606 ug/ml
19) T n-Tetratriacontane (C34)	19.635	2984774	21.569 ug/ml
20) T n-Hexatriacontane (C36)	20.376	2863348	21.329 ug/ml
21) T n-Octatriacontane (C38)	21.103	2843079	21.378 ug/ml
22) T n-Tetracontane (C40)	21.995	2986173	21.356 ug/ml

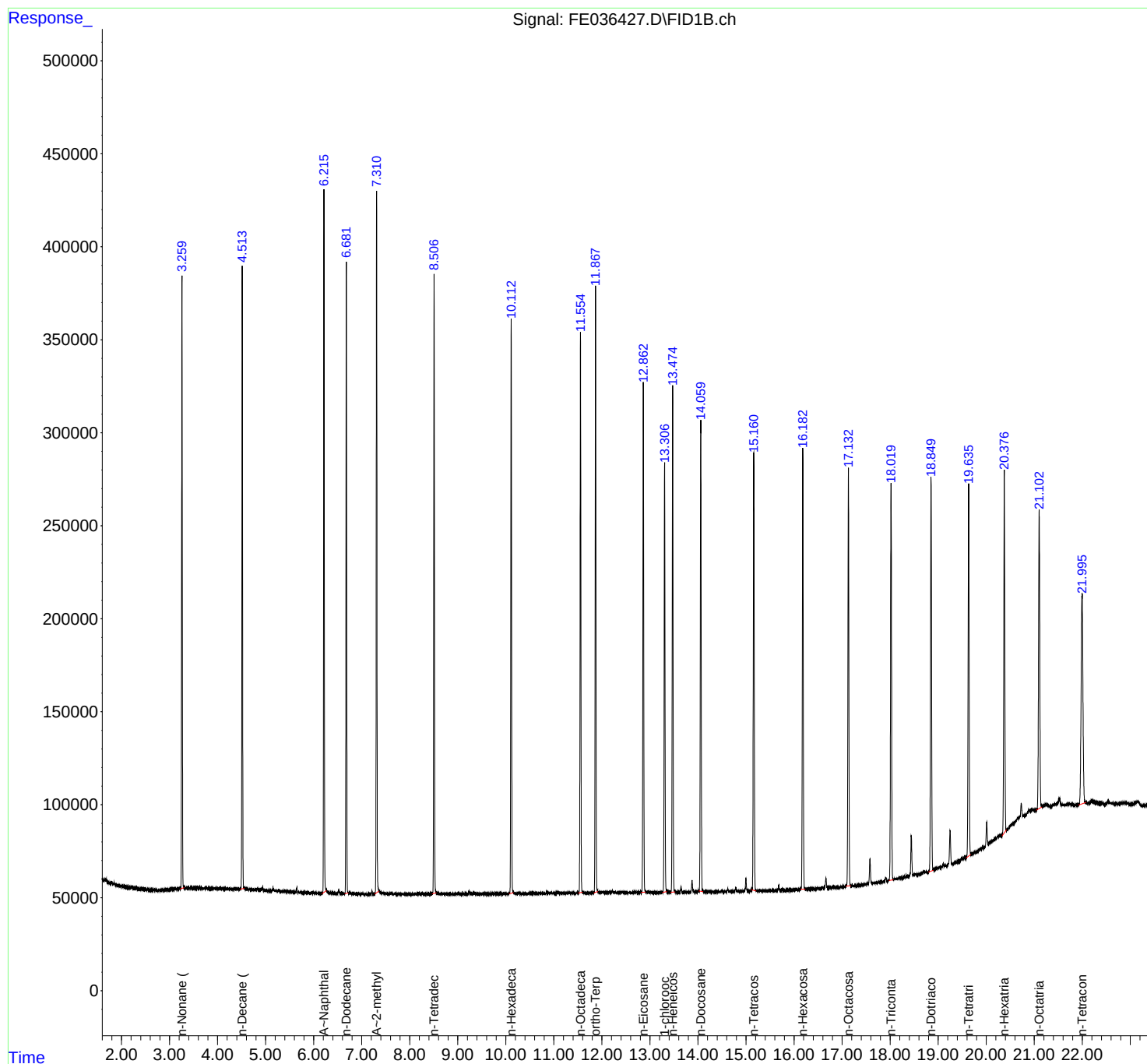
(f)=RT Delta > 1/2 Window

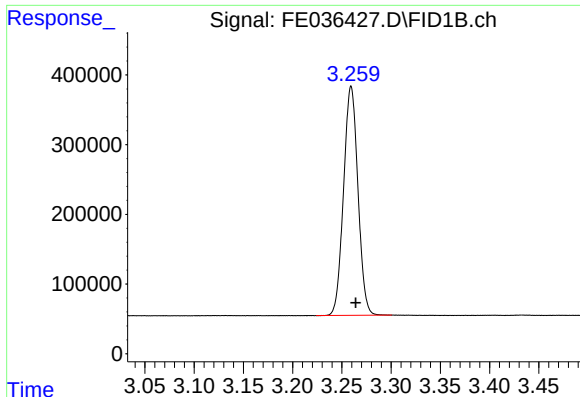
(m)=manual int.

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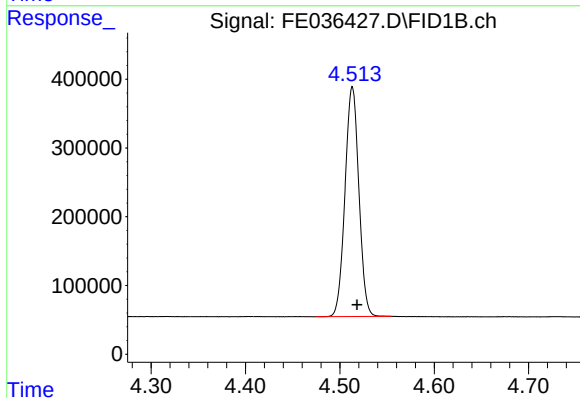
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Signal Info : 20M x 0.18mm x 0.18um





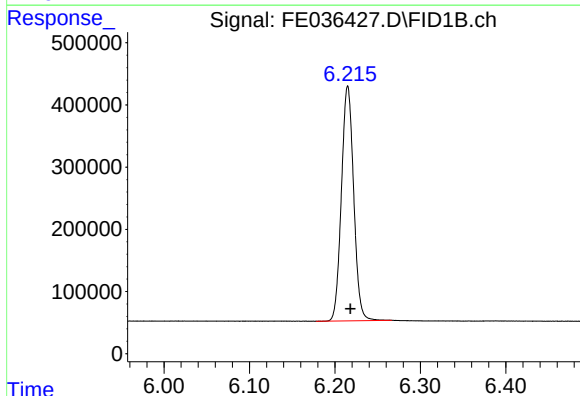
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.005 min
Response: 3340321
Conc: 18.57 ug/ml



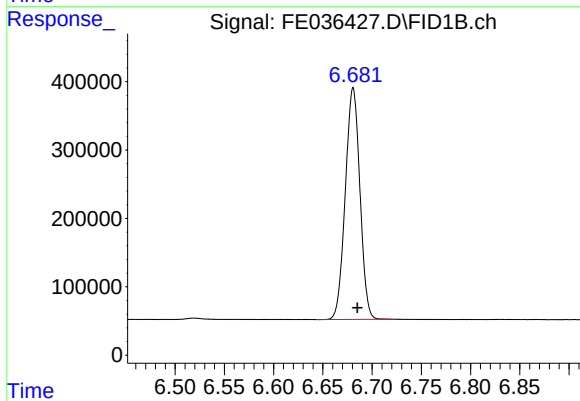
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.005 min
Response: 3416245
Conc: 19.00 ug/ml



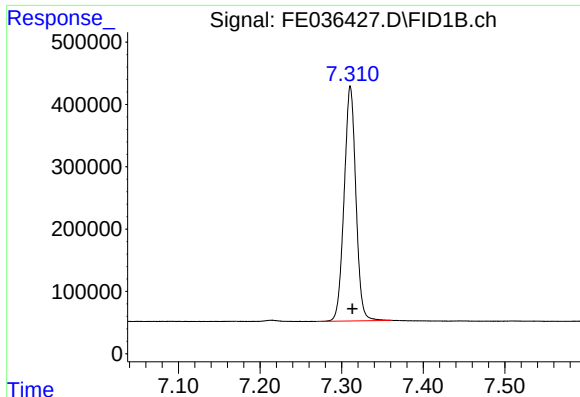
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 3756436
Conc: 18.72 ug/ml



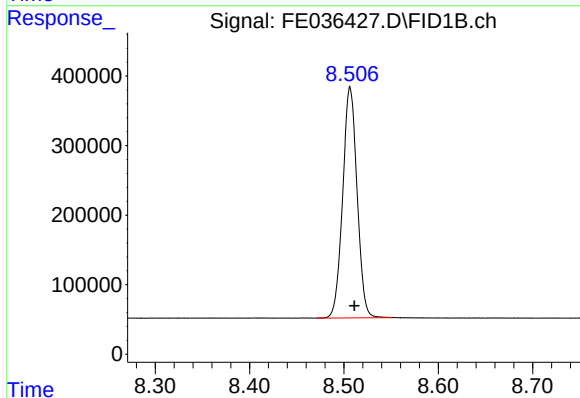
#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 3499742
Conc: 18.89 ug/ml



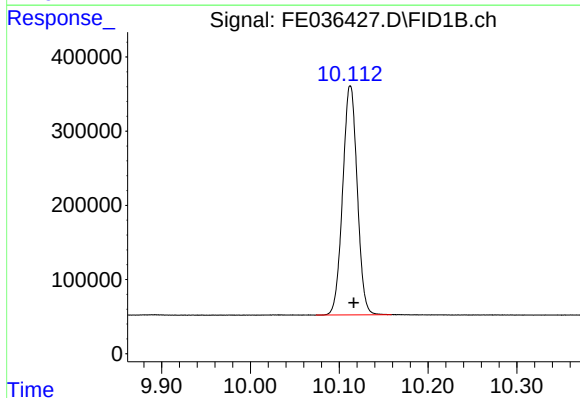
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 3769931
Conc: 18.52 ug/ml



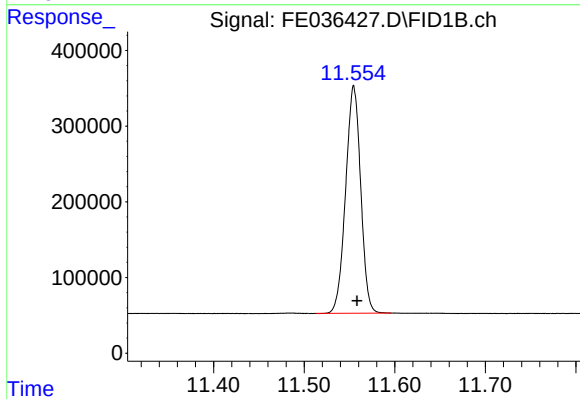
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.005 min
Response: 3512678
Conc: 18.79 ug/ml



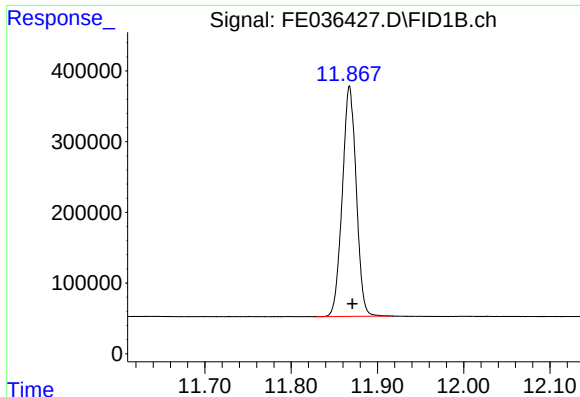
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.004 min
Response: 3517199
Conc: 18.78 ug/ml



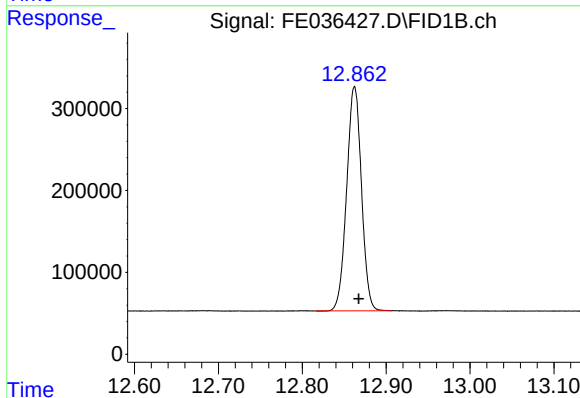
#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 3473606
Conc: 18.67 ug/ml



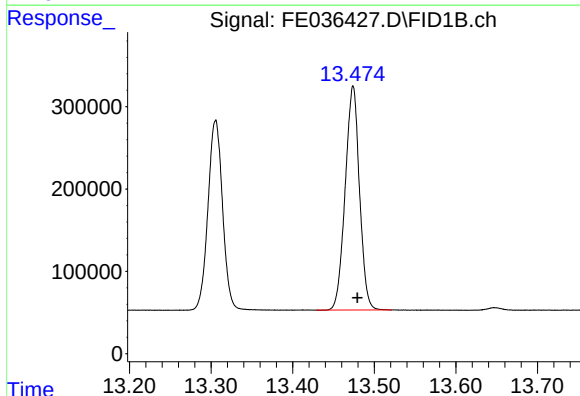
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.003 min
Response: 3656951
Conc: 18.30 ug/ml



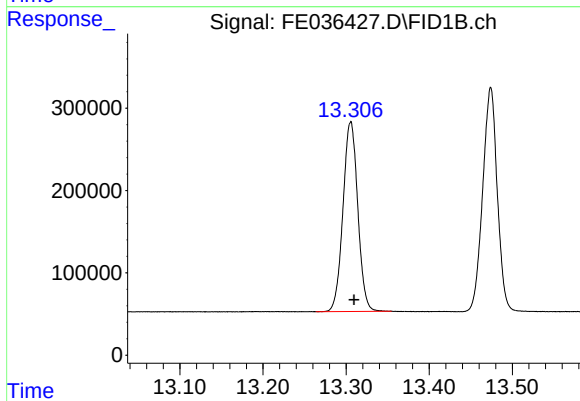
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.005 min
Response: 3357748
Conc: 18.53 ug/ml



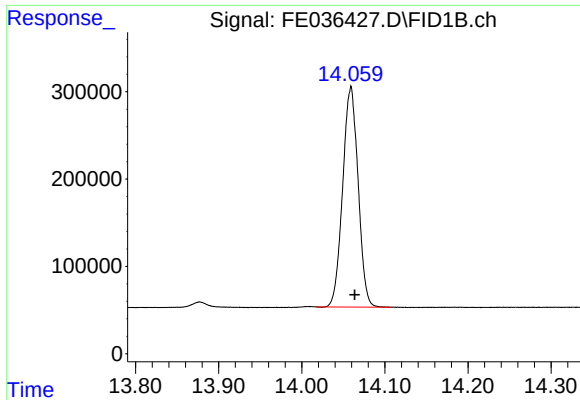
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.005 min
Response: 3317731
Conc: 18.47 ug/ml



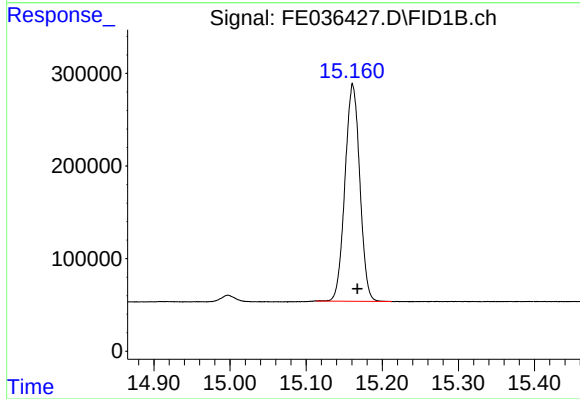
#12 1-chlorooctadecane (SURR)

R.T.: 13.306 min
Delta R.T.: -0.004 min
Response: 2853003
Conc: 18.43 ug/ml



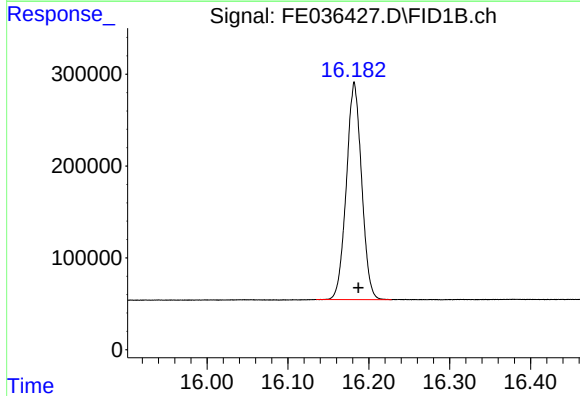
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: -0.005 min
Response: 3259596
Conc: 18.44 ug/ml



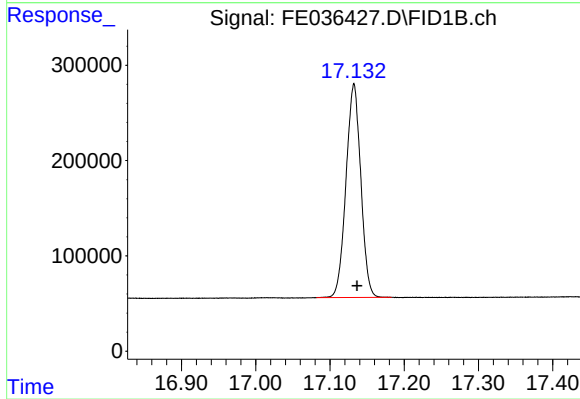
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.006 min
Response: 3178764
Conc: 18.56 ug/ml



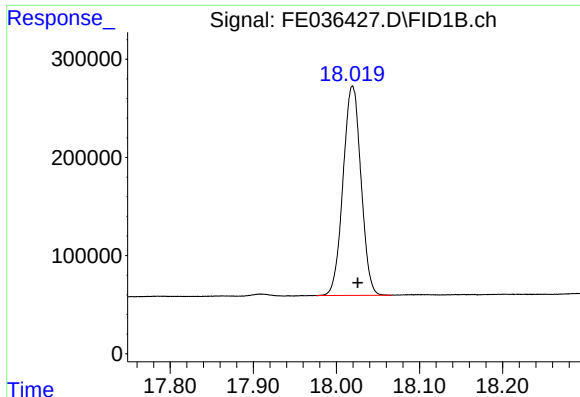
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.005 min
Response: 3101894
Conc: 18.77 ug/ml



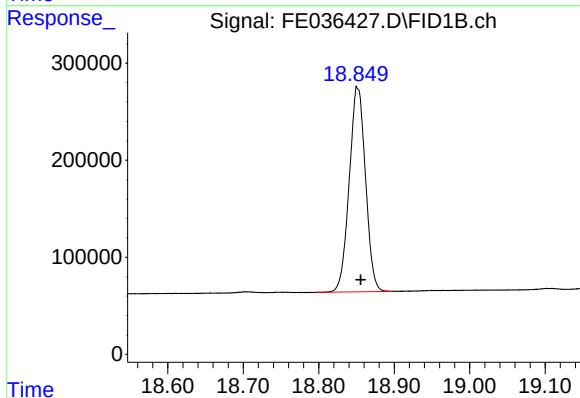
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.004 min
Response: 3102387
Conc: 19.38 ug/ml



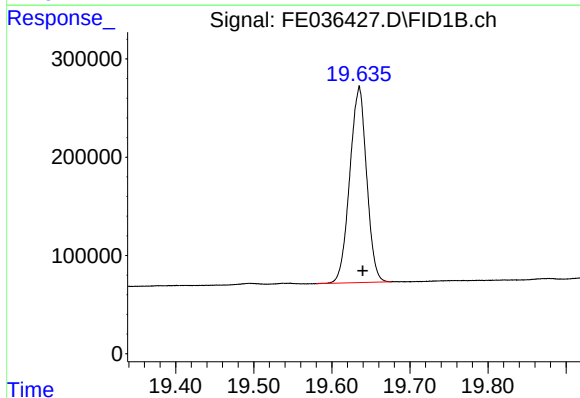
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.006 min
Response: 3197590
Conc: 20.65 ug/ml



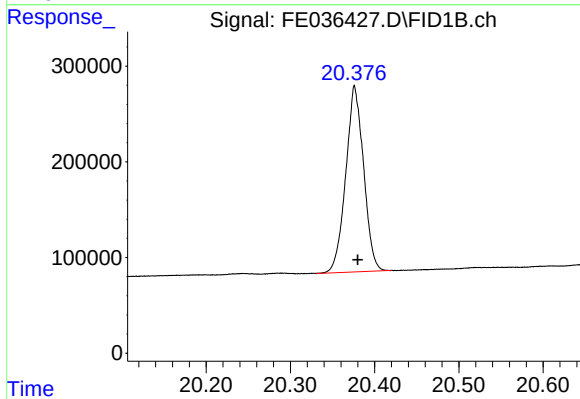
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.004 min
Response: 3157391
Conc: 21.61 ug/ml



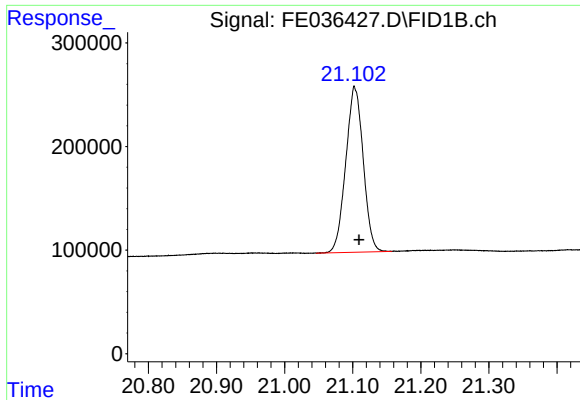
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.004 min
Response: 2984774
Conc: 21.57 ug/ml



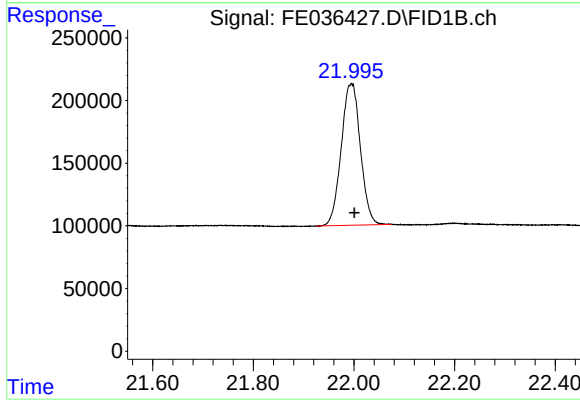
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.004 min
Response: 2863348
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.007 min
Response: 2843079
Conc: 21.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.006 min
Response: 2986173
Conc: 21.36 ug/ml