

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120523AL\
 Data File : FE045651.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2023 12:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 15:32:56 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)	11.859	4124306	19.723 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.302	3050536	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	3.247	3279844	20.683 ug/ml
2) T n-Decane (C10)	4.498	3349565	20.917 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3657219	20.995 ug/ml
4) T n-Dodecane (C12)	6.664	3388345	20.977 ug/ml
5) T A~2-methylnaphthalene...	7.293	3566187	21.000 ug/ml
6) T n-Tetradecane (C14)	8.491	3365850	20.981 ug/ml
7) T n-Hexadecane (C16)	10.101	3436105	20.750 ug/ml
8) T n-Octadecane (C18)	11.546	3476814	20.279 ug/ml
10) T n-Eicosane (C20)	12.858	3380700	19.539 ug/ml
11) T n-Heneicosane (C21)	13.470	3327943	19.345 ug/ml
13) T n-Docosane (C22)	14.057	3282251	19.036 ug/ml
14) T n-Tetracosane (C24)	15.162	3198518	18.321 ug/ml
15) T n-Hexacosane (C26)	16.185	3097782	17.788 ug/ml
16) T n-Octacosane (C28)	17.137	2997787	17.345 ug/ml
17) T n-Tricontane (C30)	18.026	3003655	17.169 ug/ml
18) T n-Dotriacontane (C32)	18.862	2972677	16.294 ug/ml
19) T n-Tetratriacontane (C34)	19.647	2853108	17.195 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2751322	17.333 ug/ml
21) T n-Octatriacontane (C38)	21.122	2788076	17.779 ug/ml
22) T n-Tetracontane (C40)	22.027	2910854	20.482 ug/ml

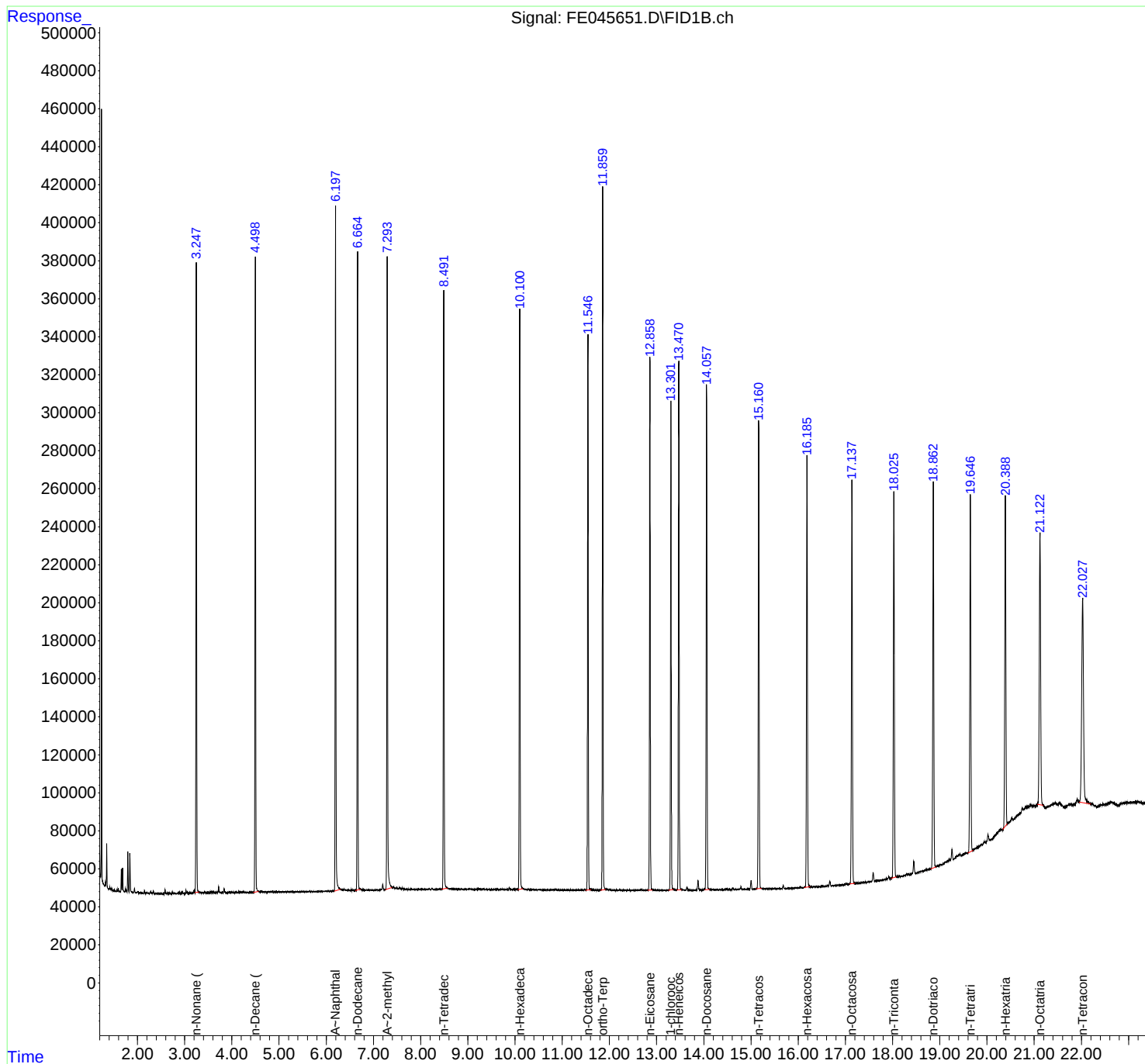
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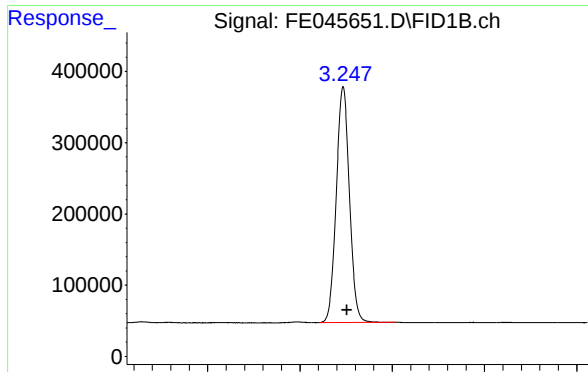
(m)=manual int.

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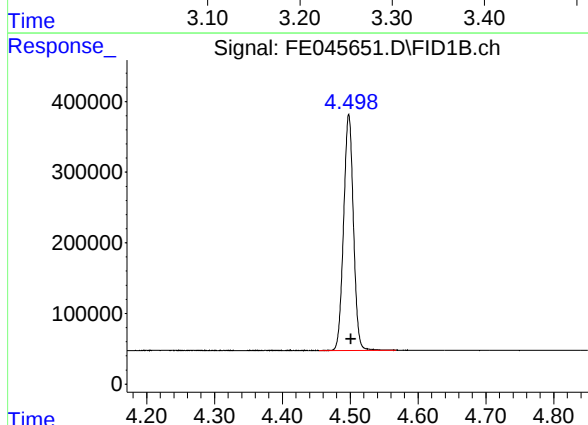
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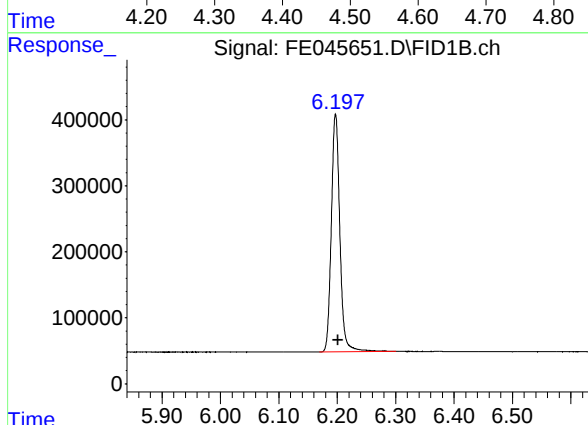
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.004 min
Response: 3279844
Conc: 20.68 ug/ml



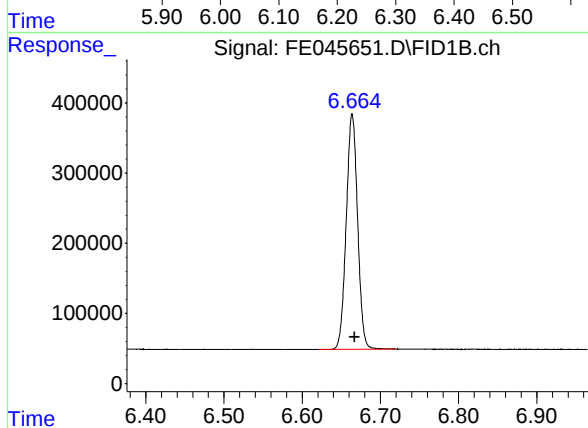
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.003 min
Response: 3349565
Conc: 20.92 ug/ml



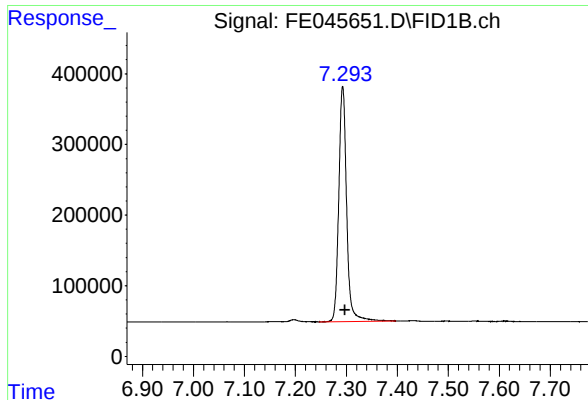
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.004 min
Response: 3657219
Conc: 21.00 ug/ml



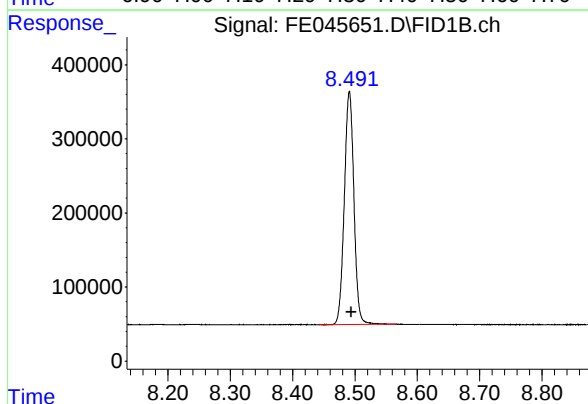
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 3388345
Conc: 20.98 ug/ml



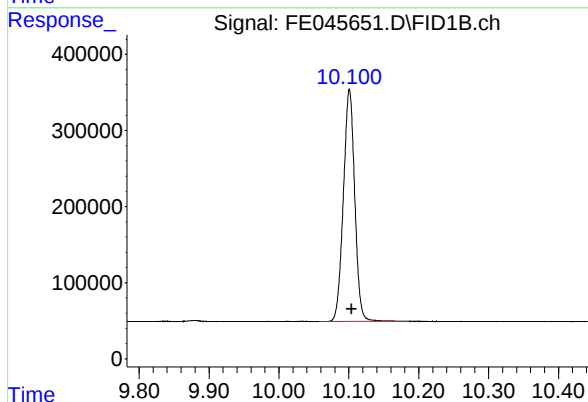
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 3566187
Conc: 21.00 ug/ml



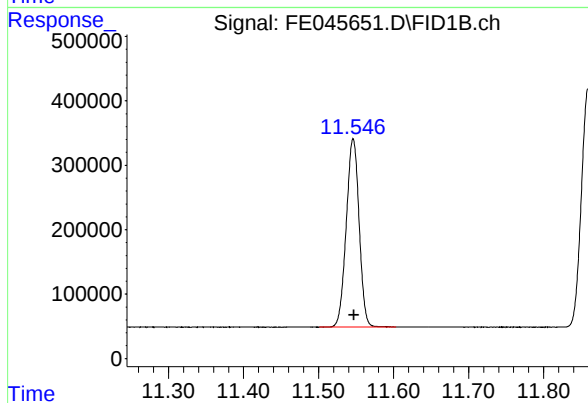
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 3365850
Conc: 20.98 ug/ml



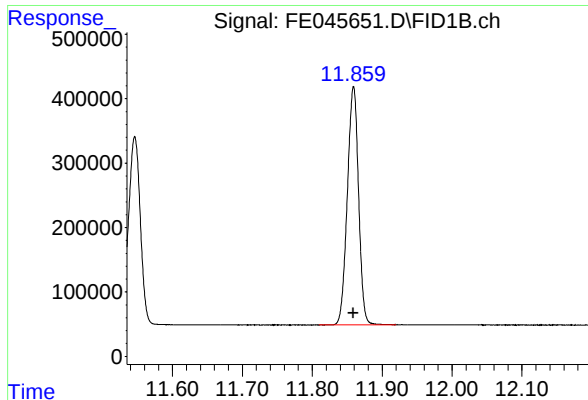
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.003 min
Response: 3436105
Conc: 20.75 ug/ml



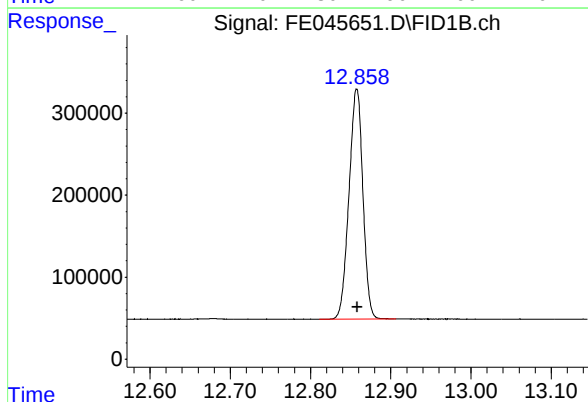
#8 n-Octadecane (C18)

R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 3476814
Conc: 20.28 ug/ml



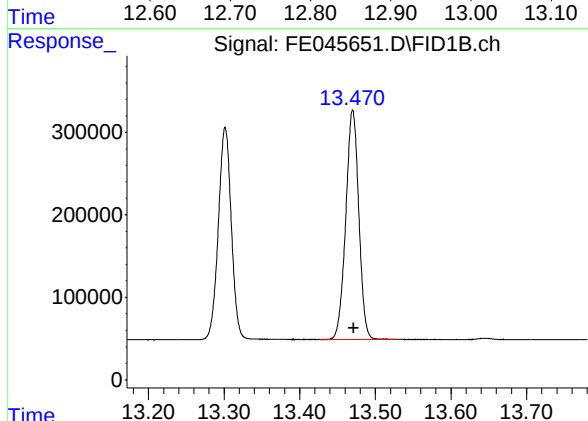
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: 0.000 min
Response: 4124306
Conc: 19.72 ug/ml



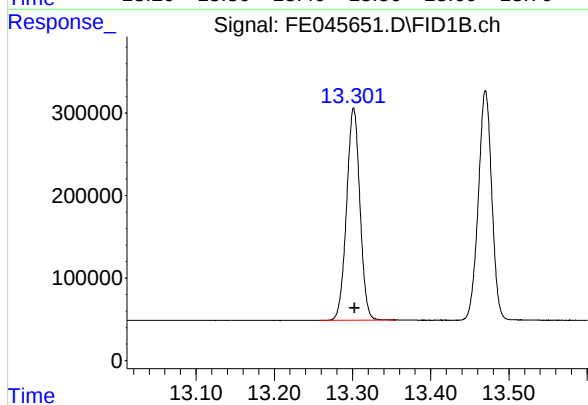
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 3380700
Conc: 19.54 ug/ml



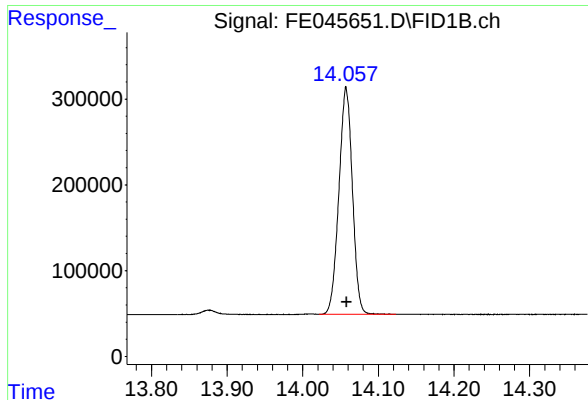
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: -0.001 min
Response: 3327943
Conc: 19.35 ug/ml



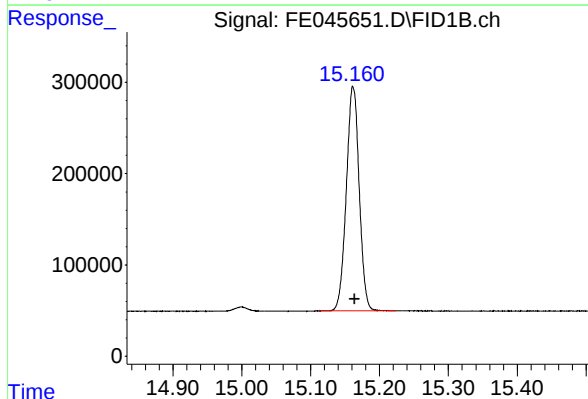
#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: -0.001 min
Response: 3050536
Conc: 19.39 ug/ml



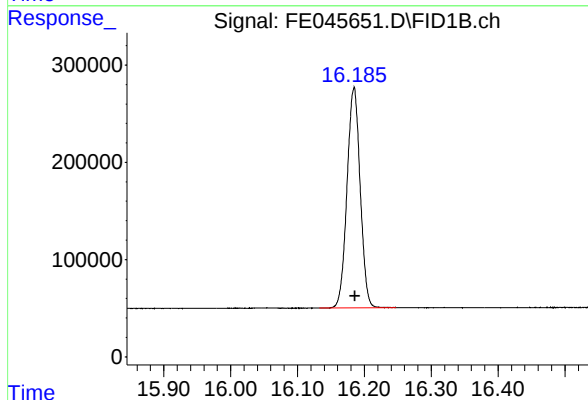
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: 0.000 min
Response: 3282251
Conc: 19.04 ug/ml



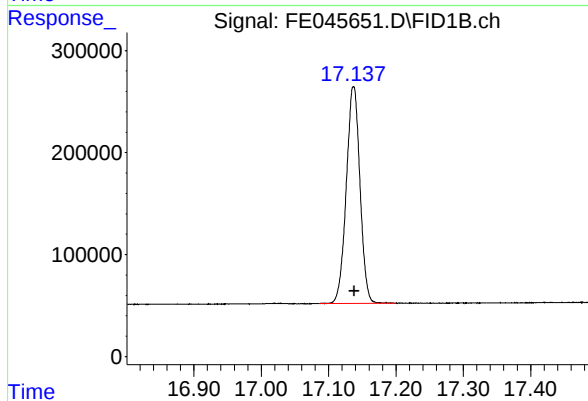
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 3198518
Conc: 18.32 ug/ml



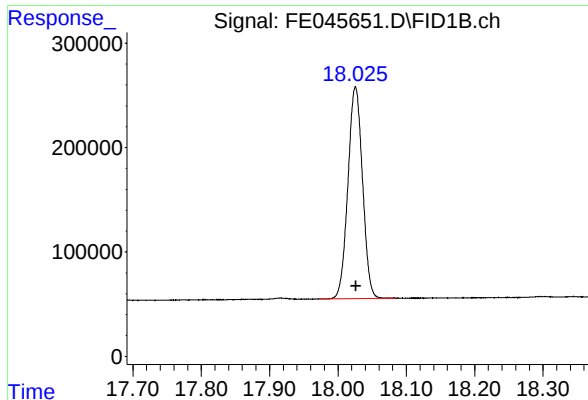
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.002 min
Response: 3097782
Conc: 17.79 ug/ml



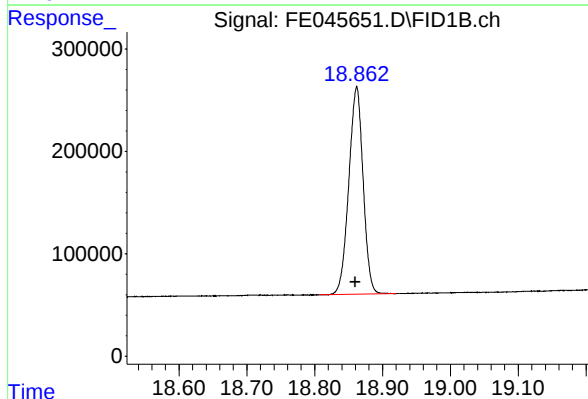
#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.001 min
Response: 2997787
Conc: 17.34 ug/ml



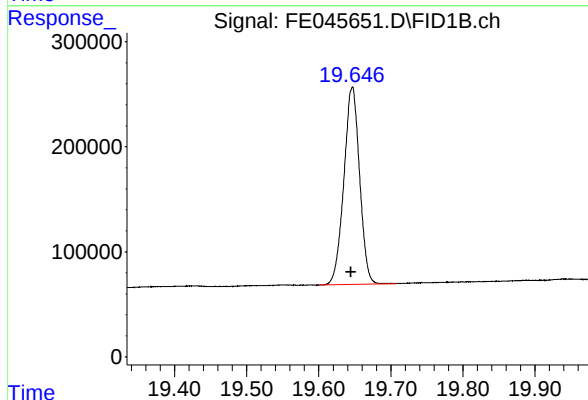
#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: 0.000 min
Response: 3003655
Conc: 17.17 ug/ml



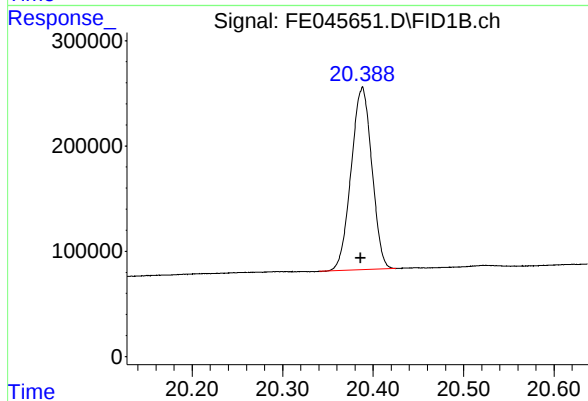
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.002 min
Response: 2972677
Conc: 16.29 ug/ml



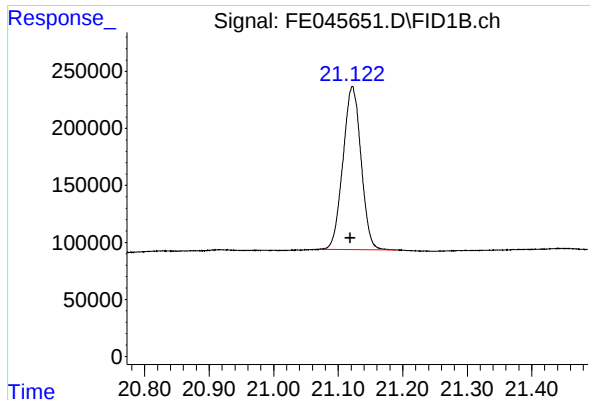
#19 n-Tetatriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.002 min
Response: 2853108
Conc: 17.19 ug/ml



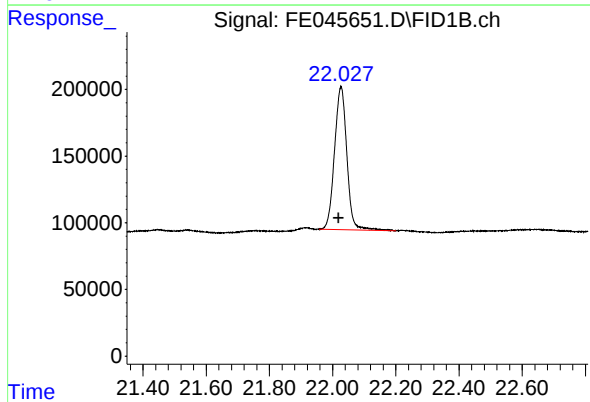
#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: 0.002 min
Response: 2751322
Conc: 17.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.003 min
Response: 2788076
Conc: 17.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.008 min
Response: 2910854
Conc: 20.48 ug/ml