

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045877.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2023 09:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 09:44:46 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)	11.844	4375342	20.923 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
12) S 1-chlorooctadecane (S...	13.288	3206440	20.378 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.229	3703994	23.358 ug/ml
2) T n-Decane (C10)	4.480	3766673	23.522 ug/ml
3) T A~Naphthalene (C11.7)	6.180	4052193	23.262 ug/ml
4) T n-Dodecane (C12)	6.648	3796151	23.501 ug/ml
5) T A~2-methylnaphthalene...	7.277	3939144	23.196 ug/ml
6) T n-Tetradecane (C14)	8.474	3749365	23.372 ug/ml
7) T n-Hexadecane (C16)	10.084	3789087	22.882 ug/ml
8) T n-Octadecane (C18)	11.531	3765035	21.960 ug/ml
10) T n-Eicosane (C20)	12.843	3607948	20.853 ug/ml
11) T n-Heneicosane (C21)	13.456	3525498	20.493 ug/ml
13) T n-Docosane (C22)	14.043	3460610	20.071 ug/ml
14) T n-Tetracosane (C24)	15.149	3351893	19.200 ug/ml
15) T n-Hexacosane (C26)	16.172	3260642	18.723 ug/ml
16) T n-Octacosane (C28)	17.125	3181578	18.408 ug/ml
17) T n-Tricontane (C30)	18.016	3224422	18.431 ug/ml
18) T n-Dotriacontane (C32)	18.852	3204206	17.563 ug/ml
19) T n-Tetratriacontane (C34)	19.638	3197597	19.271 ug/ml
20) T n-Hexatriacontane (C36)	20.381	3202153	20.173 ug/ml
21) T n-Octatriacontane (C38)	21.115	3428037	21.860 ug/ml
22) T n-Tetracontane (C40)	22.019	5031808	35.407 ug/ml

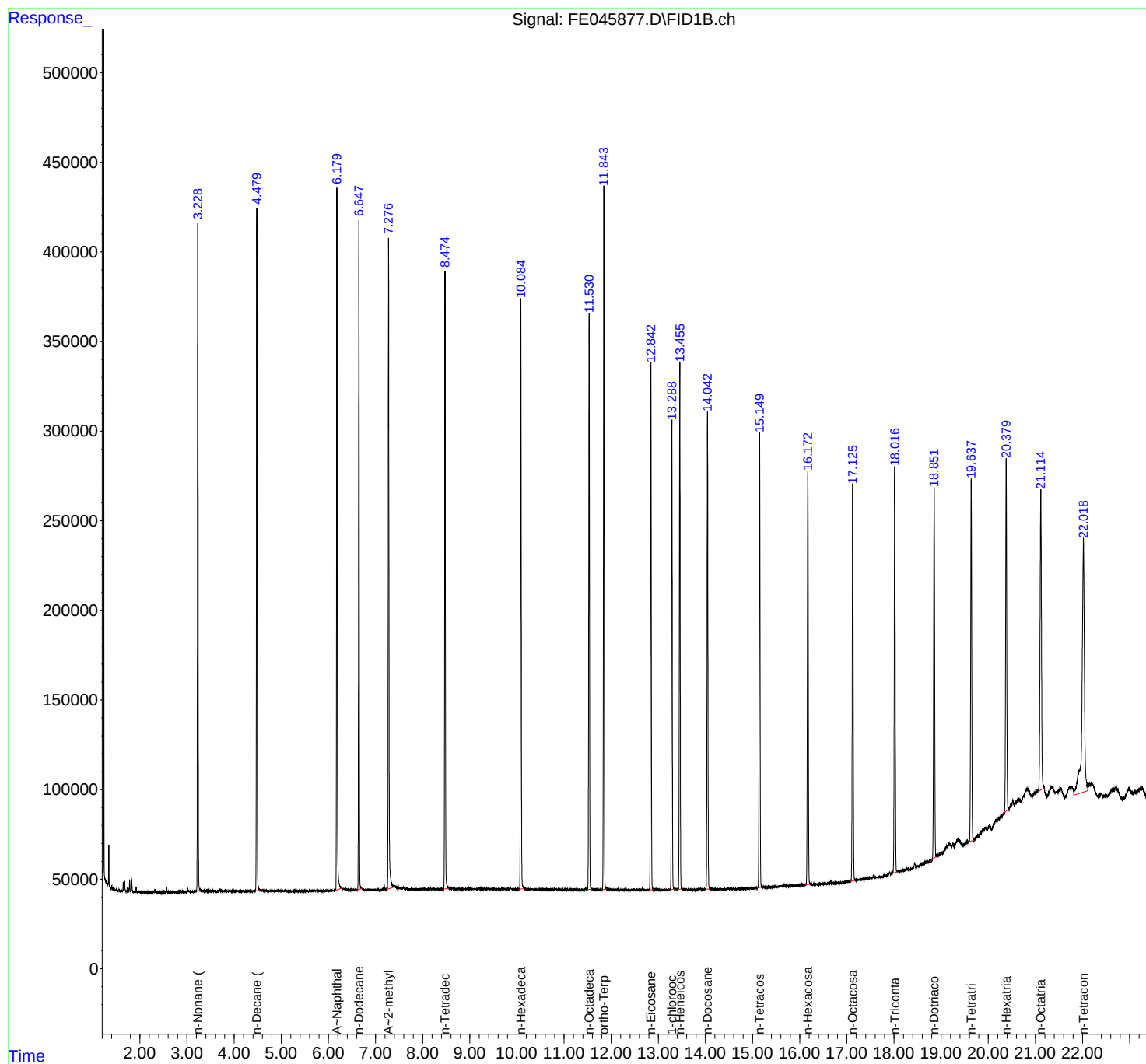
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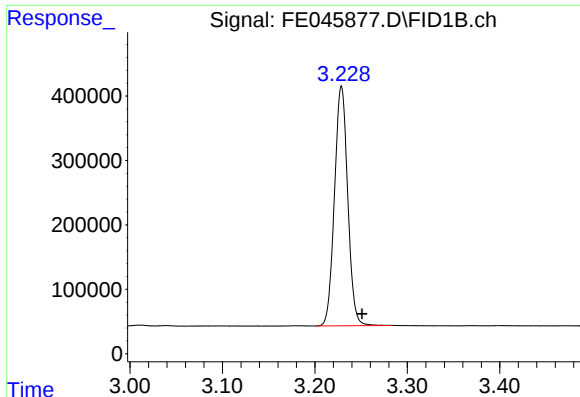
(m)=manual int.

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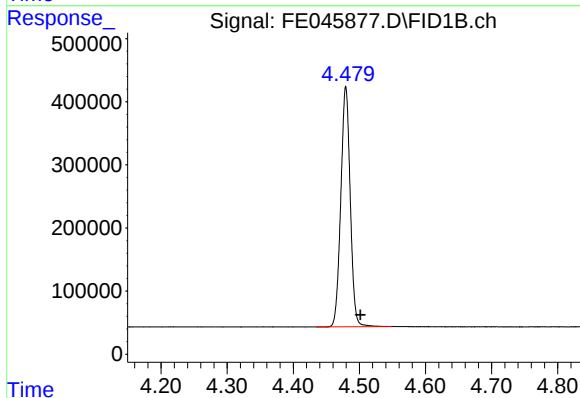
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Signal Info : 20M x 0.18mm x 0.18um





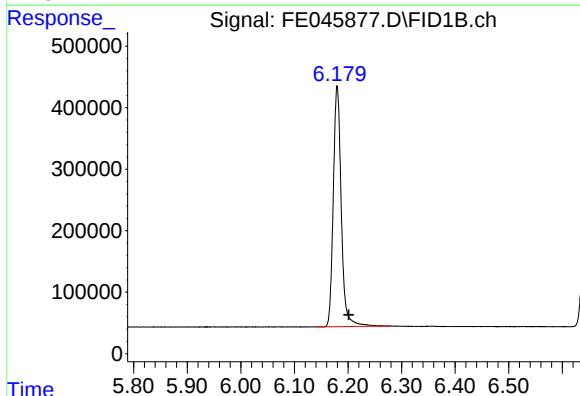
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.022 min
Response: 3703994
Conc: 23.36 ug/ml



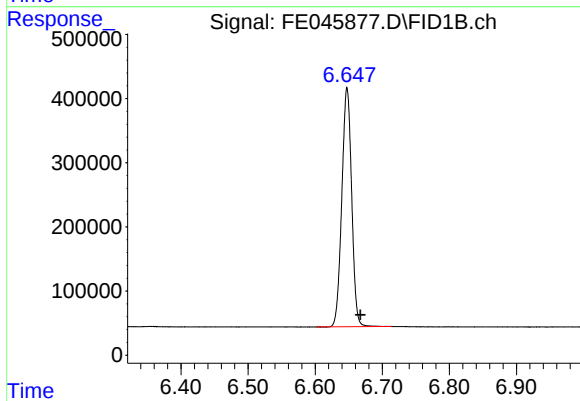
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.022 min
Response: 3766673
Conc: 23.52 ug/ml



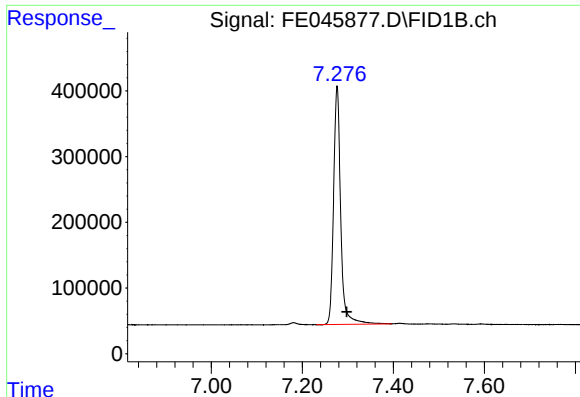
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.022 min
Response: 4052193
Conc: 23.26 ug/ml



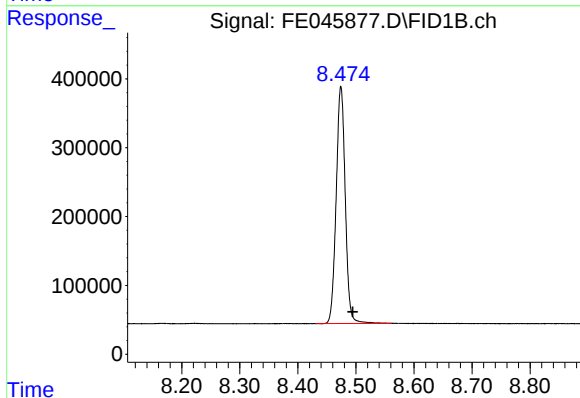
#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.020 min
Response: 3796151
Conc: 23.50 ug/ml



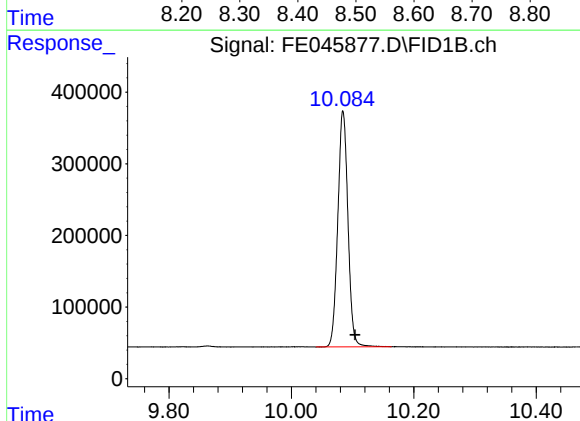
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.021 min
Response: 3939144
Conc: 23.20 ug/ml



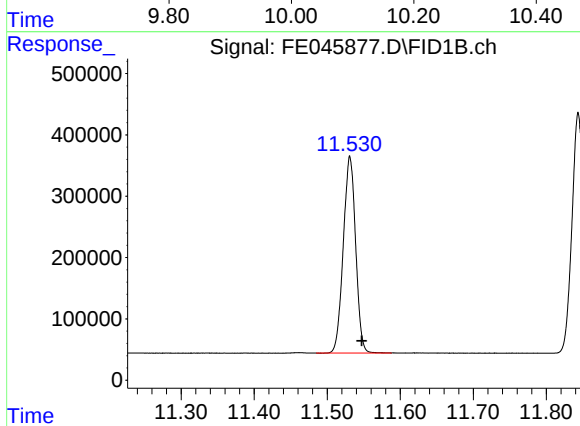
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.020 min
Response: 3749365
Conc: 23.37 ug/ml



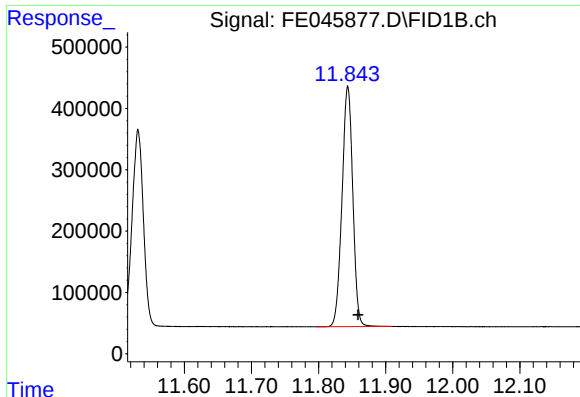
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 3789087
Conc: 22.88 ug/ml



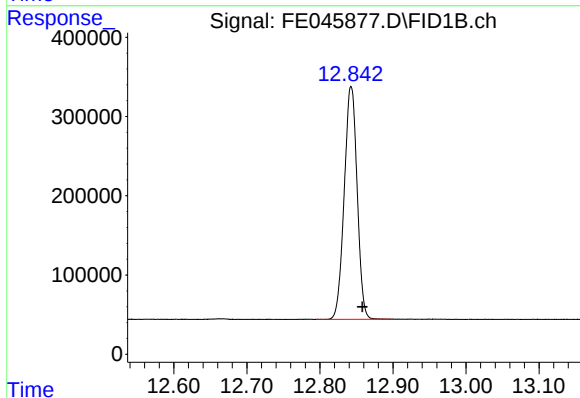
#8 n-Octadecane (C18)

R.T.: 11.531 min
Delta R.T.: -0.016 min
Response: 3765035
Conc: 21.96 ug/ml



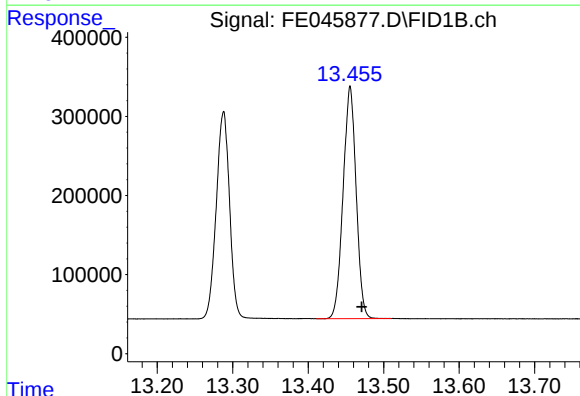
#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.015 min
Response: 4375342
Conc: 20.92 ug/ml



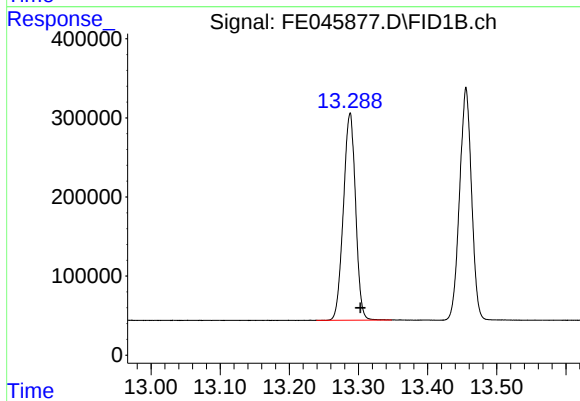
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.016 min
Response: 3607948
Conc: 20.85 ug/ml



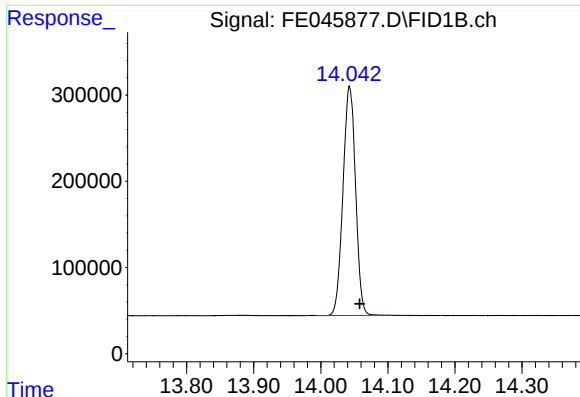
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.016 min
Response: 3525498
Conc: 20.49 ug/ml



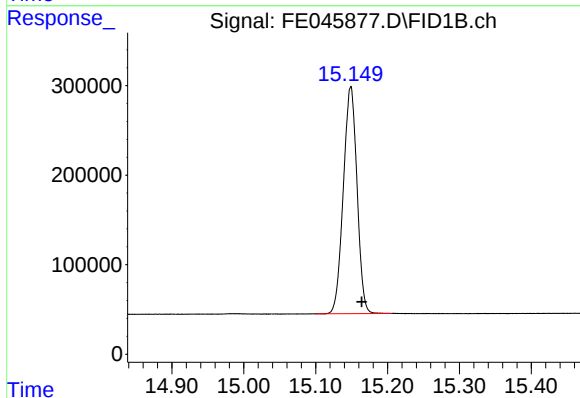
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.015 min
Response: 3206440
Conc: 20.38 ug/ml



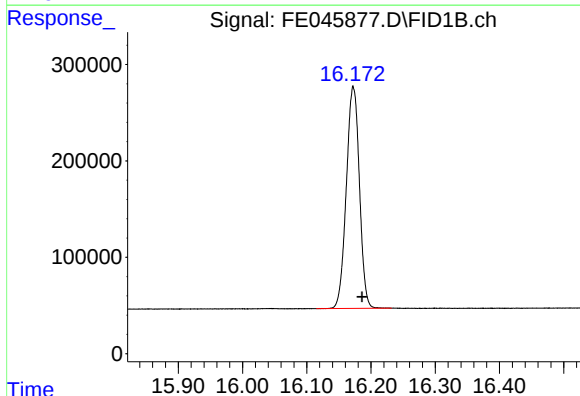
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.015 min
Response: 3460610
Conc: 20.07 ug/ml



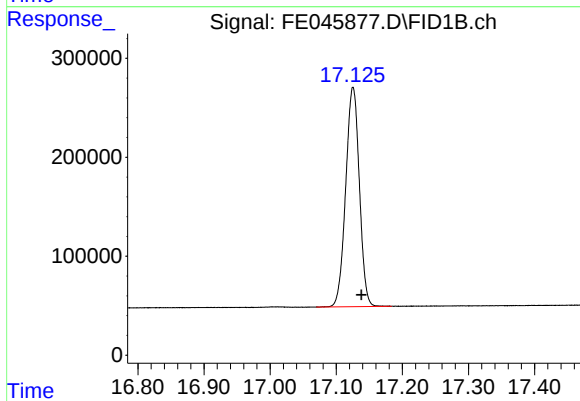
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.015 min
Response: 3351893
Conc: 19.20 ug/ml



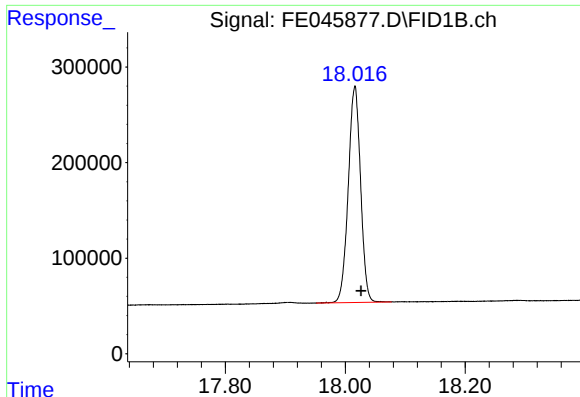
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.014 min
Response: 3260642
Conc: 18.72 ug/ml



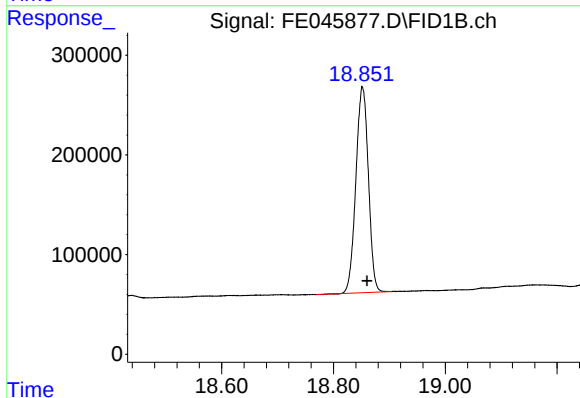
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.013 min
Response: 3181578
Conc: 18.41 ug/ml



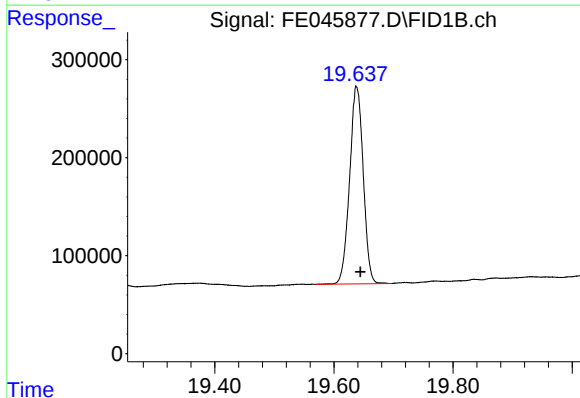
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.010 min
Response: 3224422
Conc: 18.43 ug/ml



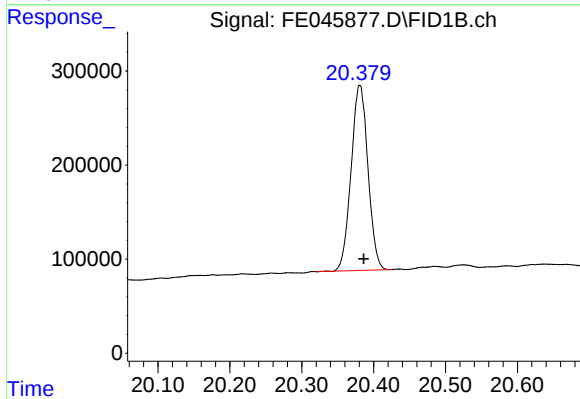
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.008 min
Response: 3204206
Conc: 17.56 ug/ml



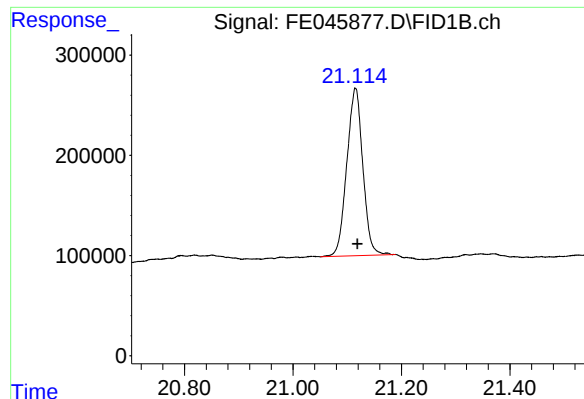
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.006 min
Response: 3197597
Conc: 19.27 ug/ml



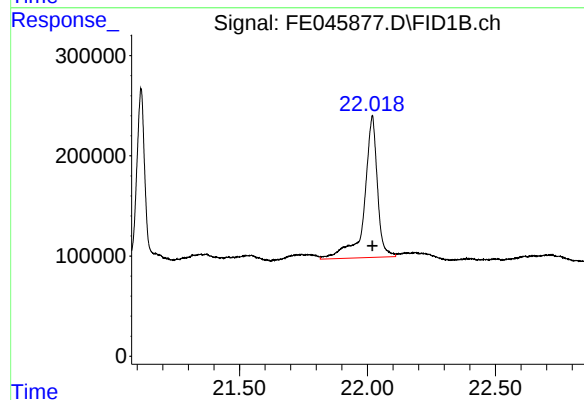
#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: -0.005 min
Response: 3202153
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.004 min
Response: 3428037
Conc: 21.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.000 min
Response: 5031808
Conc: 35.41 ug/ml