

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047841.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 00:15
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:25:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:25:34 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)	11.975	6855729	47.699 ug/ml
Spiked Amount 50.000		Recovery =	95.40%
12) S 1-chlorooctadecane (S...	13.407	5319382	47.759 ug/ml
Spiked Amount 50.000		Recovery =	95.52%
Target Compounds			
1) T n-Nonane (C9)	3.355	6201611	48.489 ug/ml
2) T n-Decane (C10)	4.607	6329970	48.384 ug/ml
3) T A~Naphthalene (C11.7)	6.315	6727035	48.931 ug/ml
4) T n-Dodecane (C12)	6.774	6412261	48.332 ug/ml
5) T A~2-methylnaphthalene...	7.411	6518950	49.052 ug/ml
6) T n-Tetradecane (C14)	8.602	6351413	48.151 ug/ml
7) T n-Hexadecane (C16)	10.210	6546009	47.848 ug/ml
8) T n-Octadecane (C18)	11.653	6608806	47.695 ug/ml
10) T n-Eicosane (C20)	12.961	6363562	47.505 ug/ml
11) T n-Heneicosane (C21)	13.574	6268622	47.576 ug/ml
13) T n-Docosane (C22)	14.159	6237380	47.334 ug/ml
14) T n-Tetracosane (C24)	15.262	6234920	47.074 ug/ml
15) T n-Hexacosane (C26)	16.281	6177594	46.623 ug/ml
16) T n-Octacosane (C28)	17.231	6103953	46.207 ug/ml
17) T n-Tricontane (C30)	18.116	6232269	45.561 ug/ml
18) T n-Dotriacontane (C32)	18.949	6212619	45.398 ug/ml
19) T n-Tetratriacontane (C34)	19.733	6247694	46.132 ug/ml
20) T n-Hexatriacontane (C36)	20.472	6298754	46.717 ug/ml
21) T n-Octatriacontane (C38)	21.215	6473669	47.096 ug/ml
22) T n-Tetracontane (C40)	22.141	6578447	47.410 ug/ml

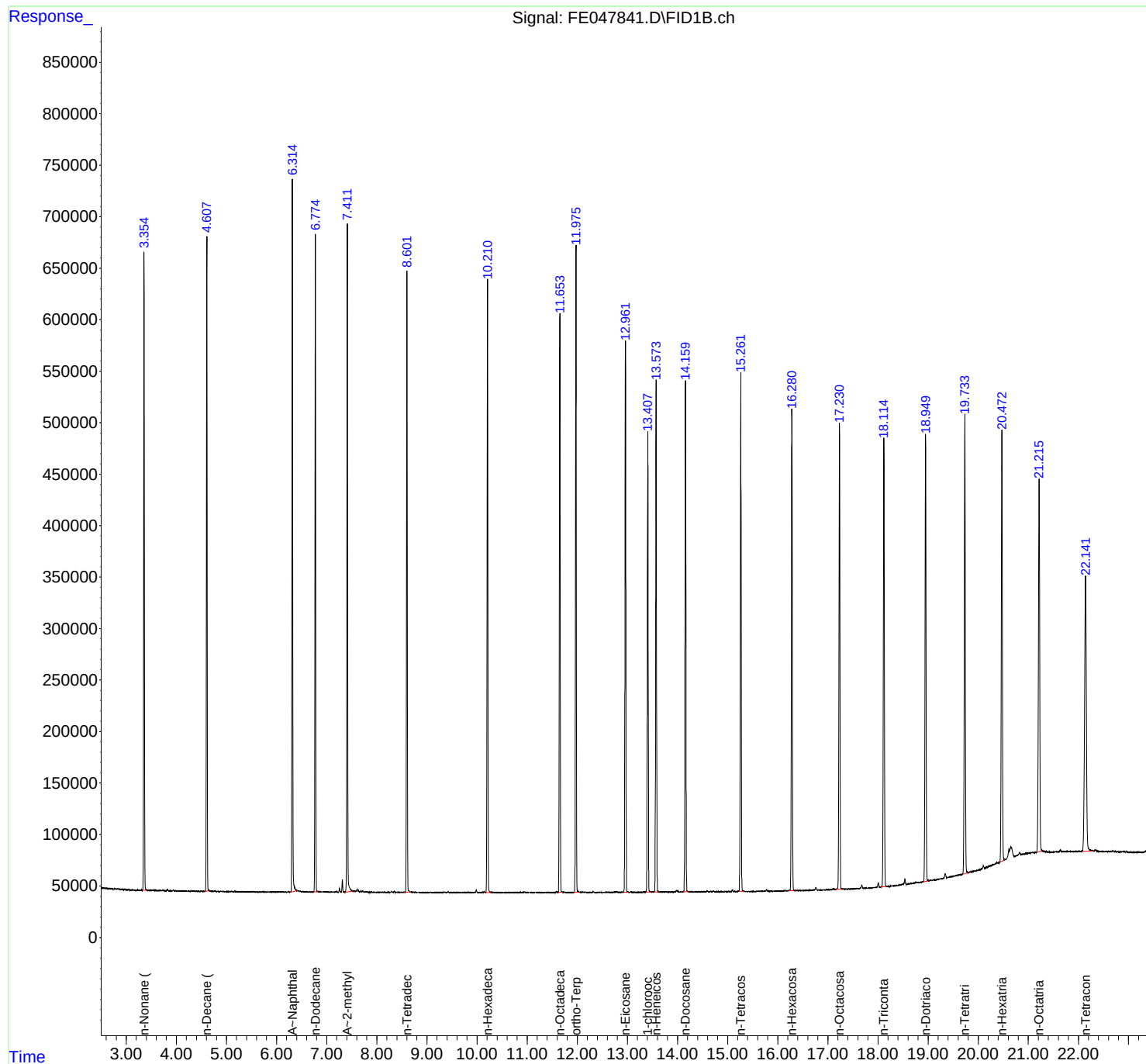
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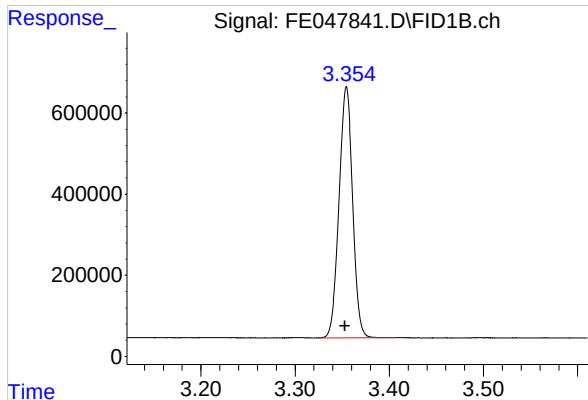
(m)=manual int.

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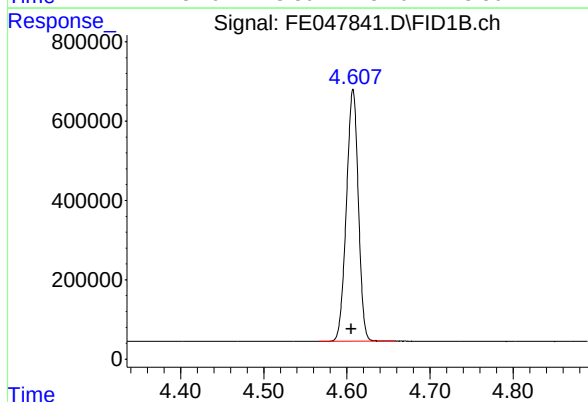
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





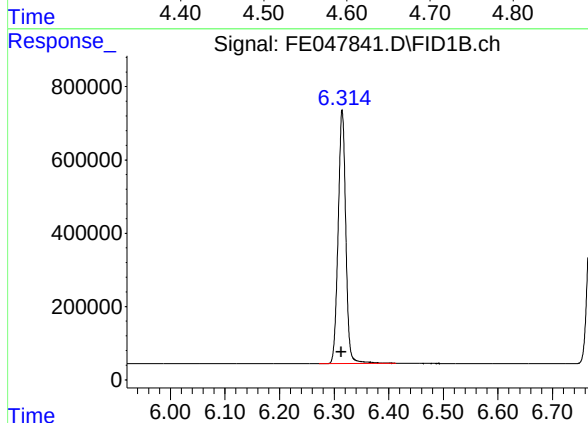
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.002 min
Response: 6201611
Conc: 48.49 ug/ml



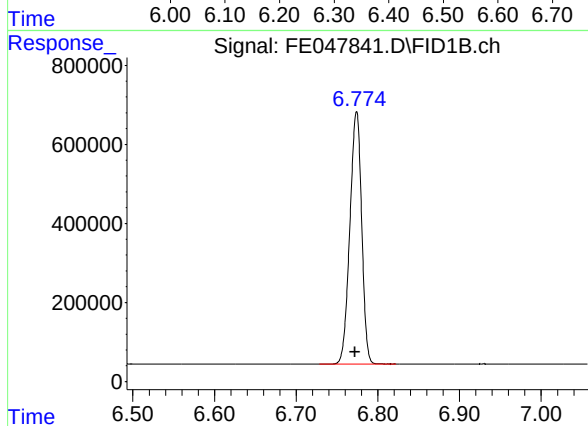
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 6329970
Conc: 48.38 ug/ml



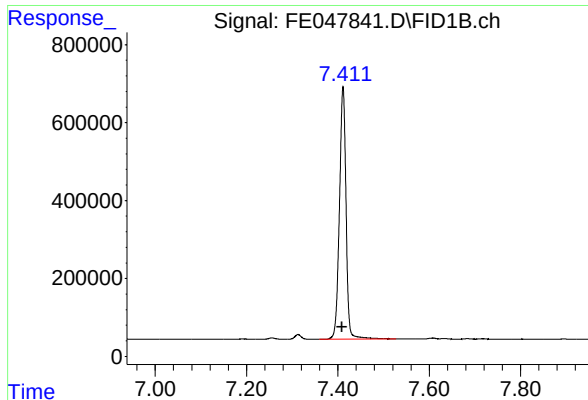
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 6727035
Conc: 48.93 ug/ml



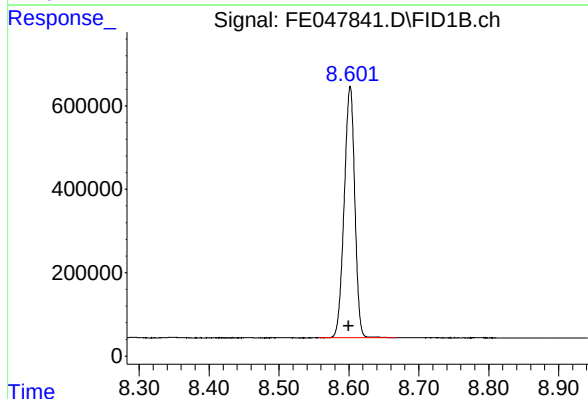
#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 6412261
Conc: 48.33 ug/ml



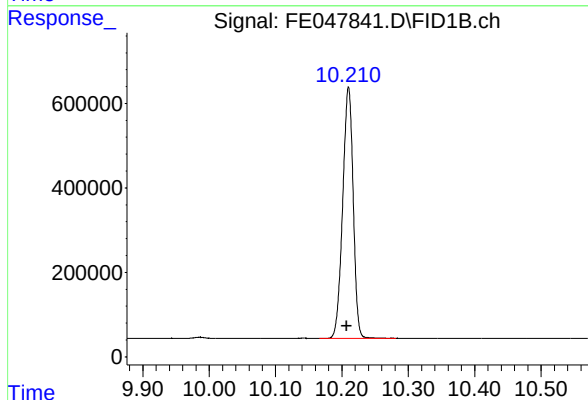
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 6518950
Conc: 49.05 ug/ml



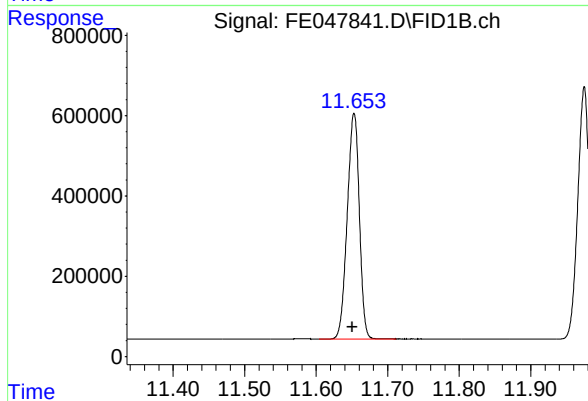
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.002 min
Response: 6351413
Conc: 48.15 ug/ml



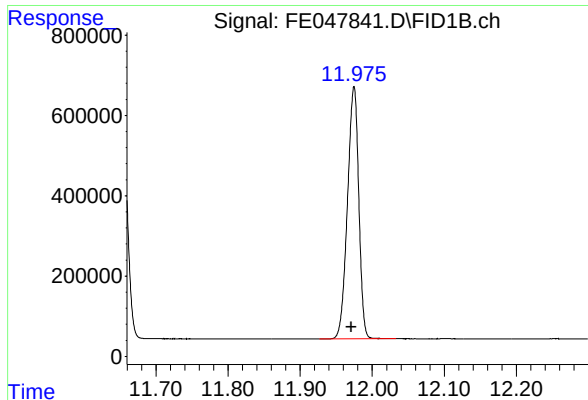
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6546009
Conc: 47.85 ug/ml



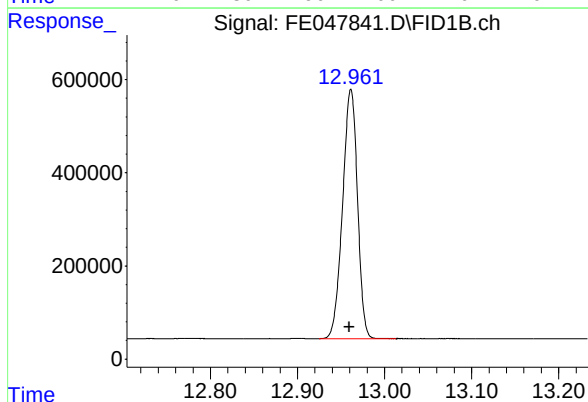
#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 6608806
Conc: 47.70 ug/ml



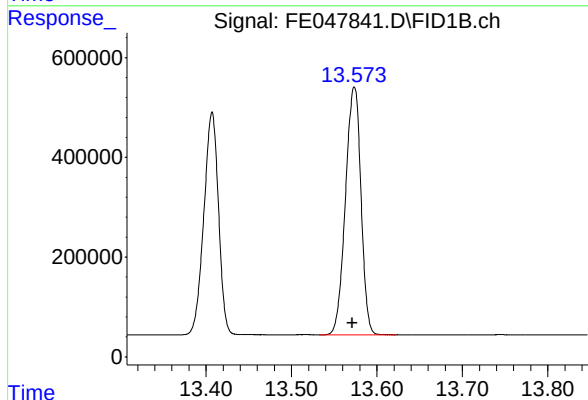
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.004 min
Response: 6855729
Conc: 47.70 ug/ml



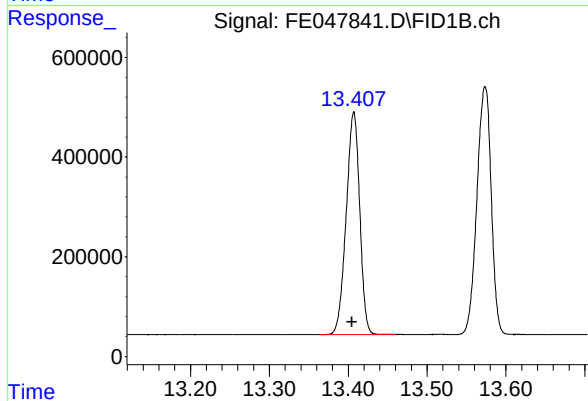
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.002 min
Response: 6363562
Conc: 47.50 ug/ml



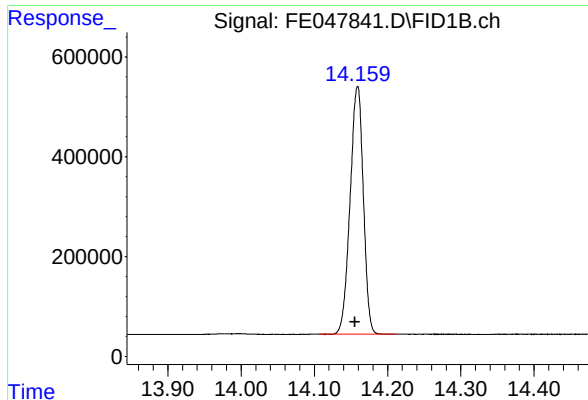
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.003 min
Response: 6268622
Conc: 47.58 ug/ml



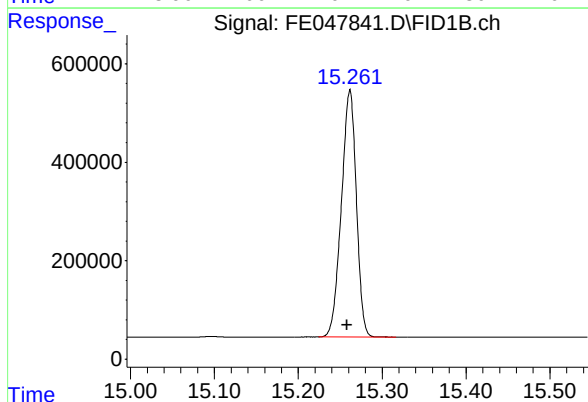
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 5319382
Conc: 47.76 ug/ml



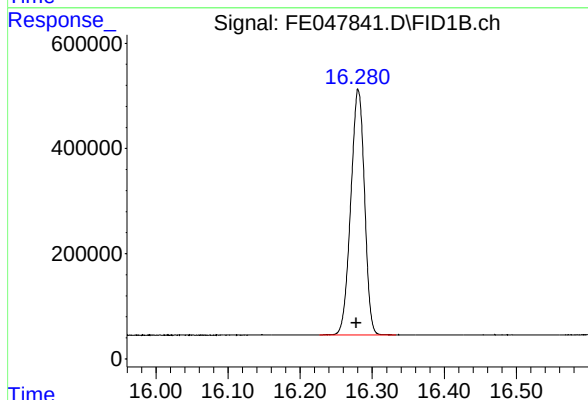
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.004 min
Response: 6237380
Conc: 47.33 ug/ml



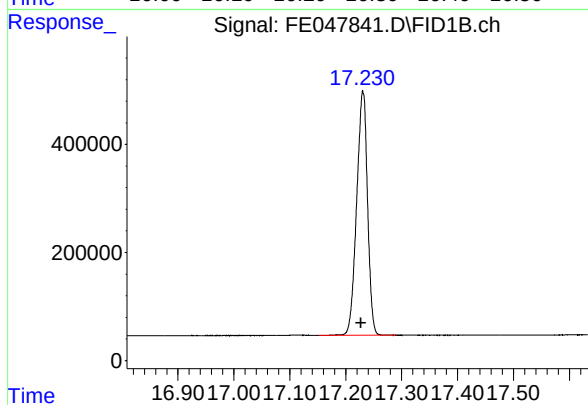
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.004 min
Response: 6234920
Conc: 47.07 ug/ml



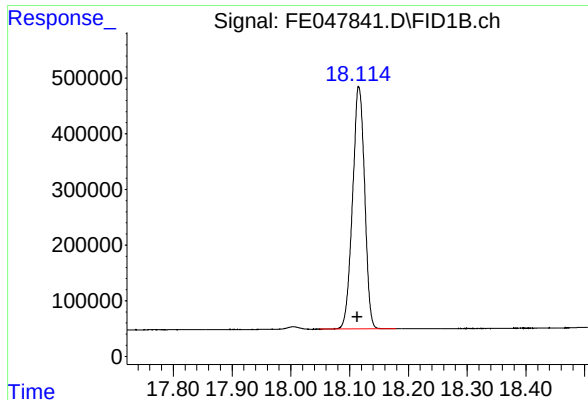
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.003 min
Response: 6177594
Conc: 46.62 ug/ml



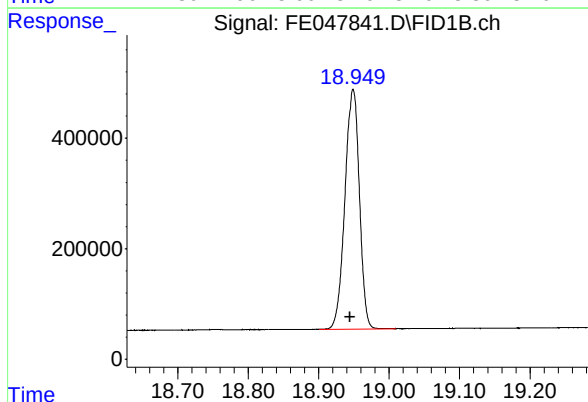
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.004 min
Response: 6103953
Conc: 46.21 ug/ml



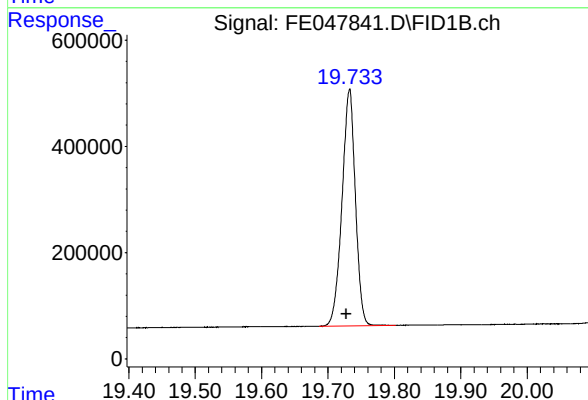
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: 0.002 min
Response: 6232269
Conc: 45.56 ug/ml



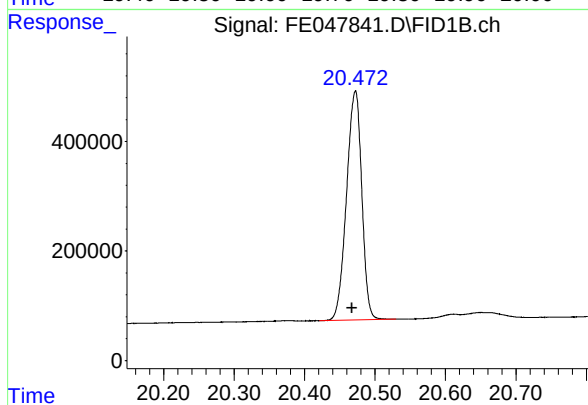
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.004 min
Response: 6212619
Conc: 45.40 ug/ml



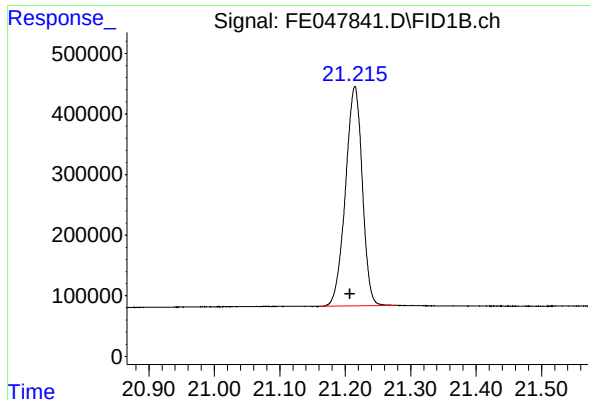
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.005 min
Response: 6247694
Conc: 46.13 ug/ml



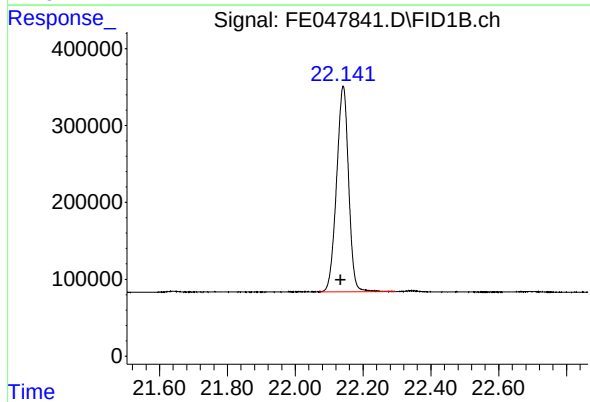
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: 0.005 min
Response: 6298754
Conc: 46.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.007 min
Response: 6473669
Conc: 47.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.007 min
Response: 6578447
Conc: 47.41 ug/ml