

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092421AL\
 Data File : FD038875.D
 Signal(s) : FID2B.CH
 Acq On : 24 Sep 2021 11:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 23:51:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.676	2900886	19.736 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.102	2301690	19.788 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.437	2493393	19.577 ug/ml
2) T n-Decane (C10)	4.507	2549481	19.683 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2866917	19.687 ug/ml
4) T n-Dodecane (C12)	6.523	2568535	19.554 ug/ml
5) T A~2-methylnaphthalene...	7.153	2902177	19.622 ug/ml
6) T n-Tetradecane (C14)	8.315	2608993	19.357 ug/ml
7) T n-Hexadecane (C16)	9.913	2634391	19.267 ug/ml
8) T n-Octadecane (C18)	11.352	2718869	19.455 ug/ml
10) T n-Eicosane (C20)	12.657	2712530	19.673 ug/ml
11) T n-Heneicosane (C21)	13.268	2738323	19.702 ug/ml
13) T n-Docosane (C22)	13.851	2710121	19.893 ug/ml
14) T n-Tetracosane (C24)	14.950	2694931	20.171 ug/ml
15) T n-Hexacosane (C26)	15.967	2582889	20.368 ug/ml
16) T n-Octacosane (C28)	16.913	2470784	20.433 ug/ml
17) T n-Tricontane (C30)	17.796	2328176	20.296 ug/ml
18) T n-Dotriacontane (C32)	18.624	2161634	19.987 ug/ml
19) T n-Tetratriacontane (C34)	19.404	2058713	19.775 ug/ml
20) T n-Hexatriacontane (C36)	20.140	1942848	19.815 ug/ml
21) T n-Octatriacontane (C38)	20.881	1879436	19.932 ug/ml
22) T n-Tetracontane (C40)	21.806	1906167	20.132 ug/ml

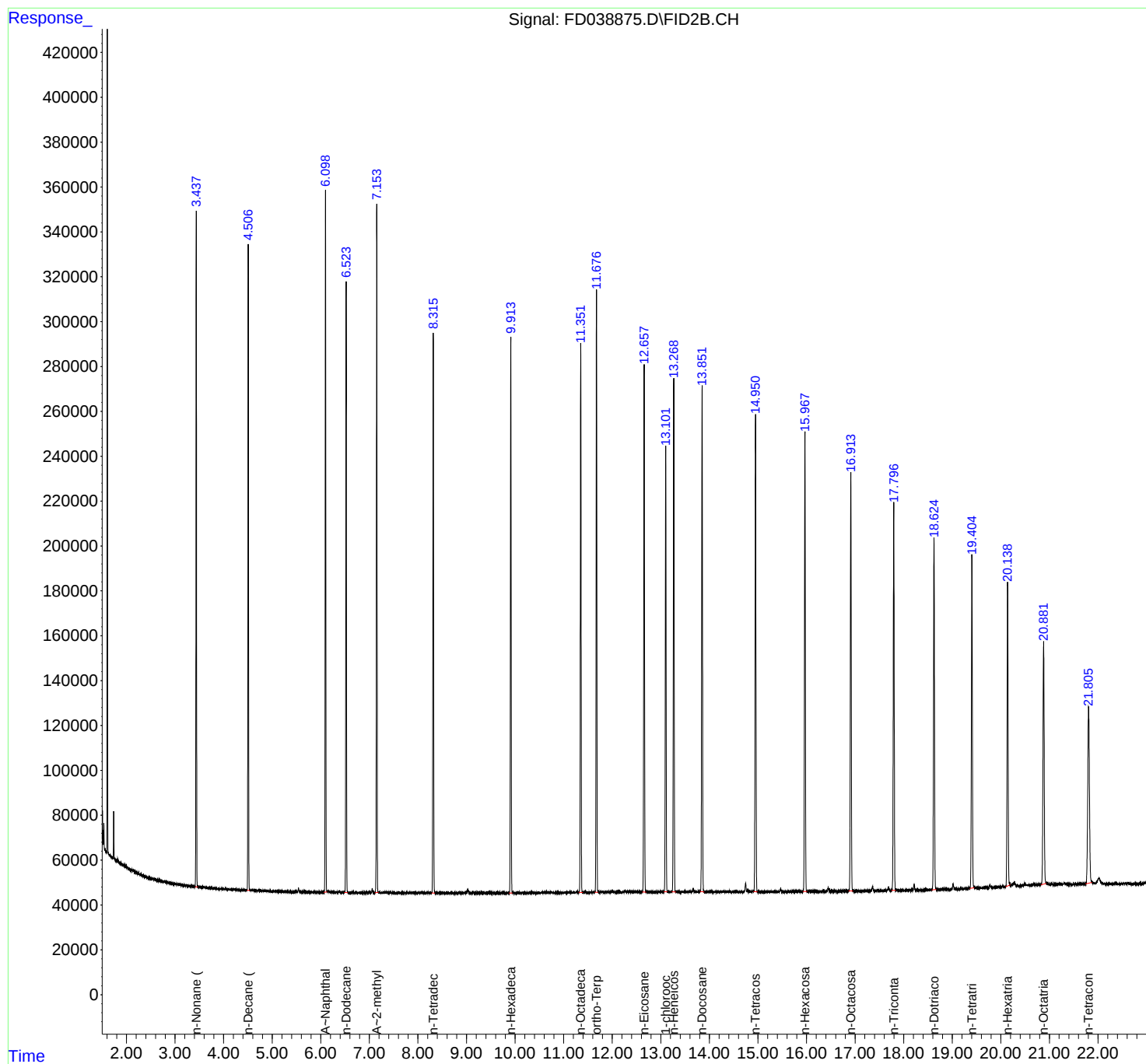
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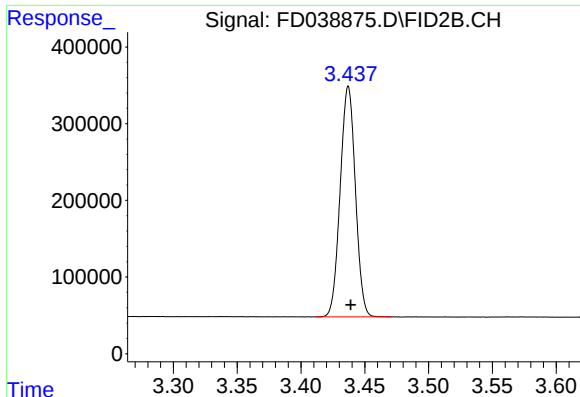
(m)=manual int.

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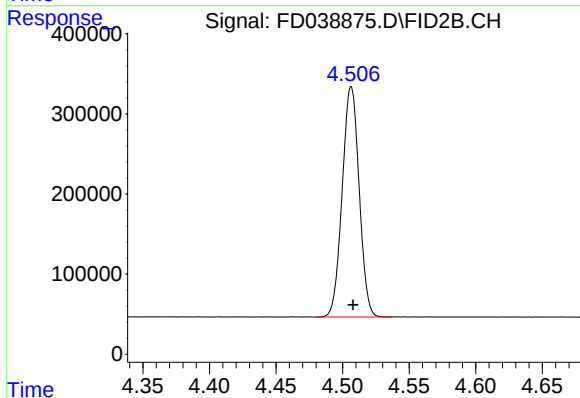
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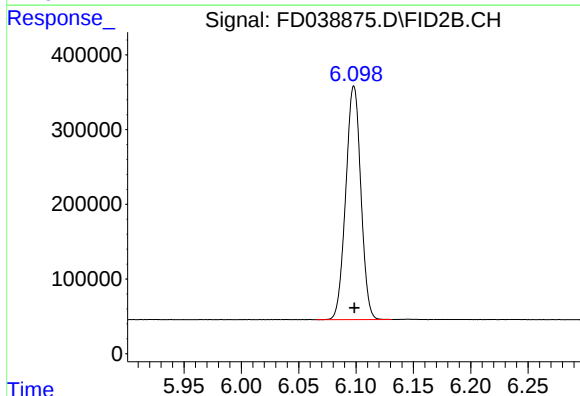
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: -0.002 min
Response: 2493393
Conc: 19.58 ug/ml



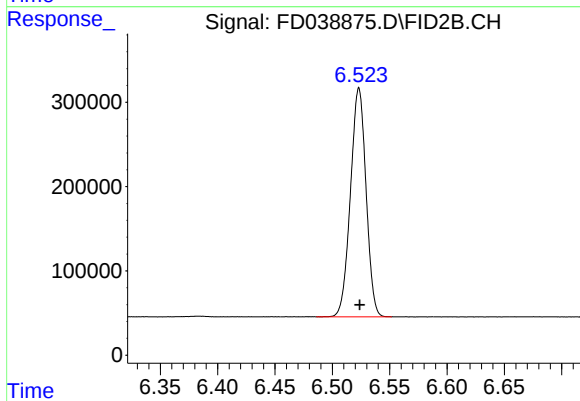
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.001 min
Response: 2549481
Conc: 19.68 ug/ml



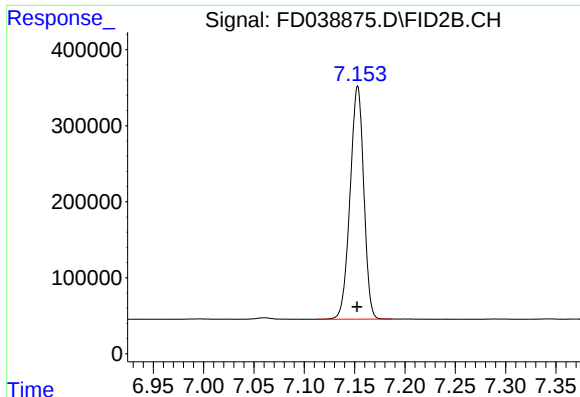
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 2866917
Conc: 19.69 ug/ml



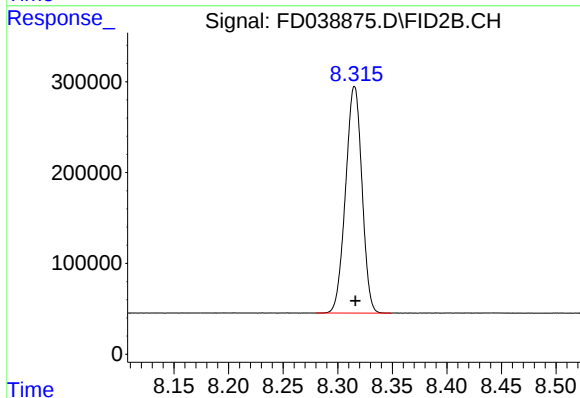
#4 n-Dodecane (C12)

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 2568535
Conc: 19.55 ug/ml



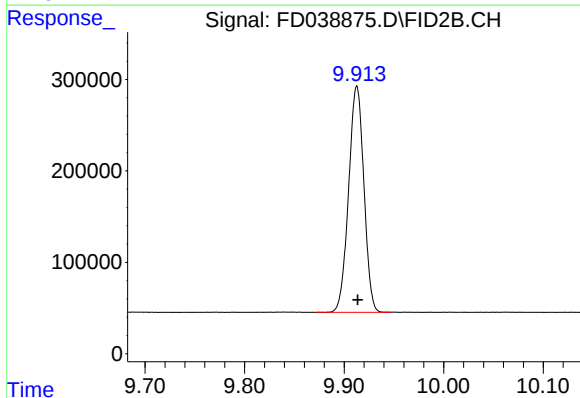
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 2902177
Conc: 19.62 ug/ml



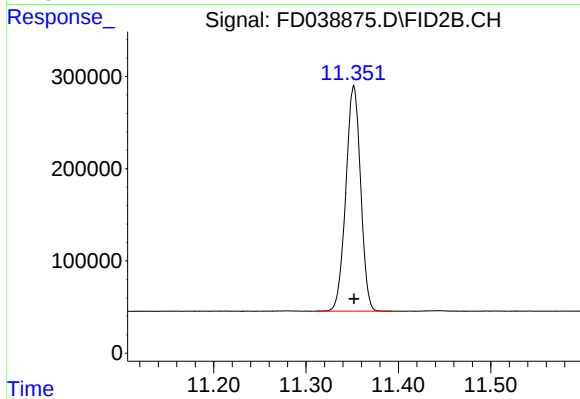
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 2608993
Conc: 19.36 ug/ml



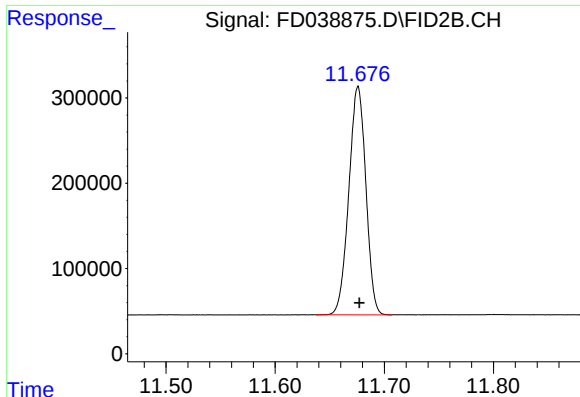
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.001 min
Response: 2634391
Conc: 19.27 ug/ml



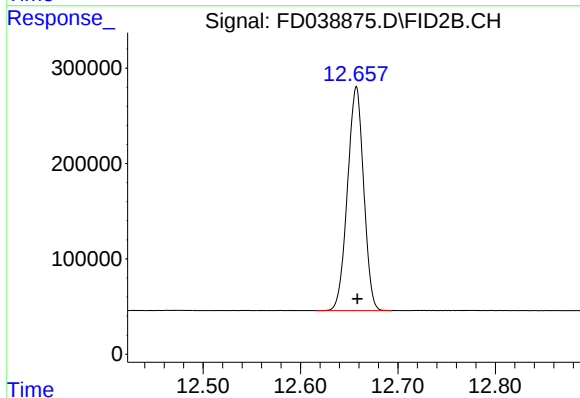
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2718869
Conc: 19.46 ug/ml



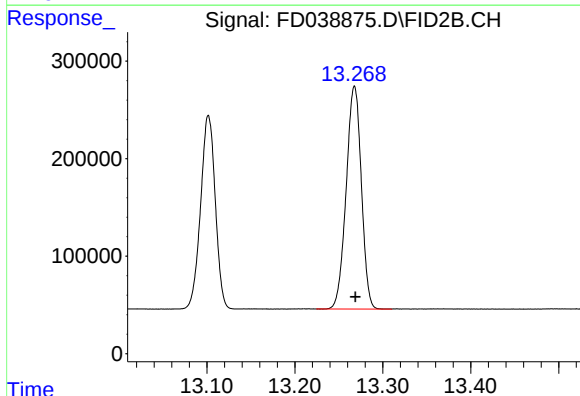
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.001 min
Response: 2900886
Conc: 19.74 ug/ml



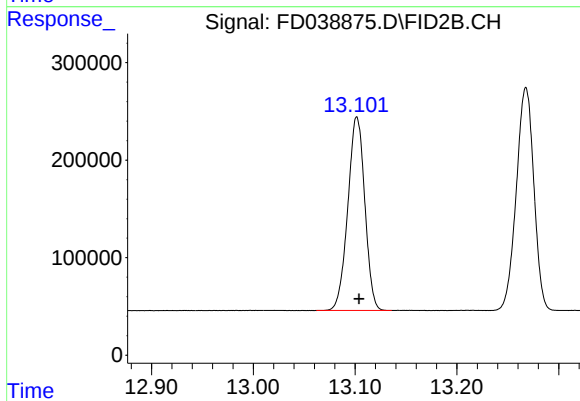
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.001 min
Response: 2712530
Conc: 19.67 ug/ml



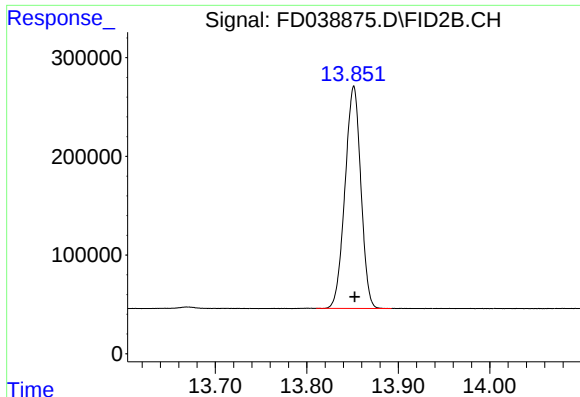
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.001 min
Response: 2738323
Conc: 19.70 ug/ml



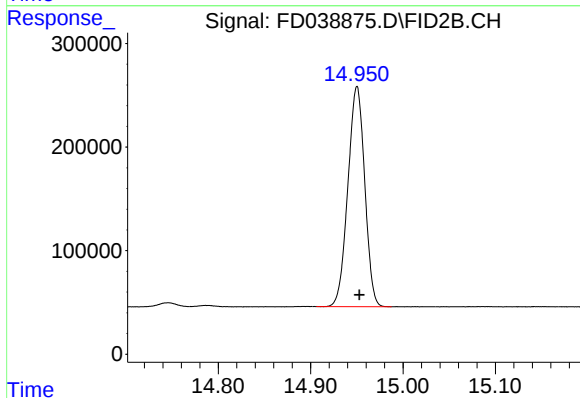
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 2301690
Conc: 19.79 ug/ml



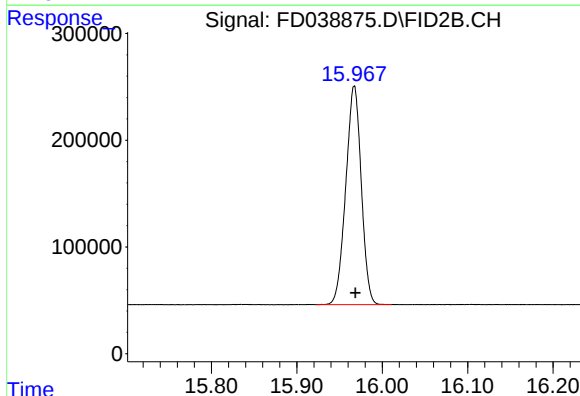
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.001 min
Response: 2710121
Conc: 19.89 ug/ml



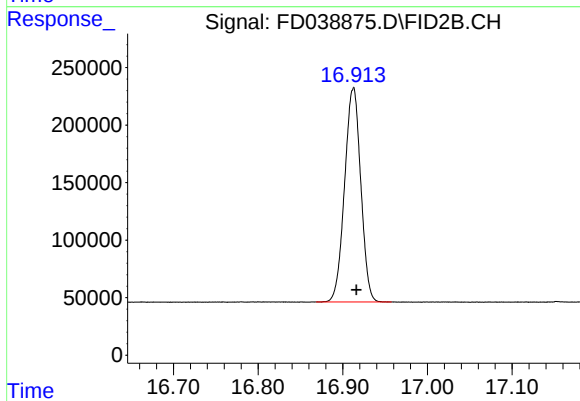
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.002 min
Response: 2694931
Conc: 20.17 ug/ml



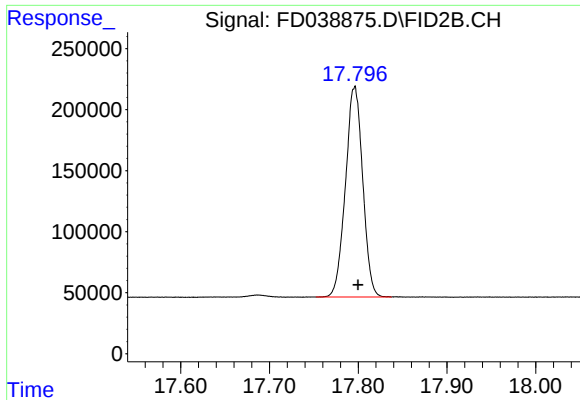
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.002 min
Response: 2582889
Conc: 20.37 ug/ml



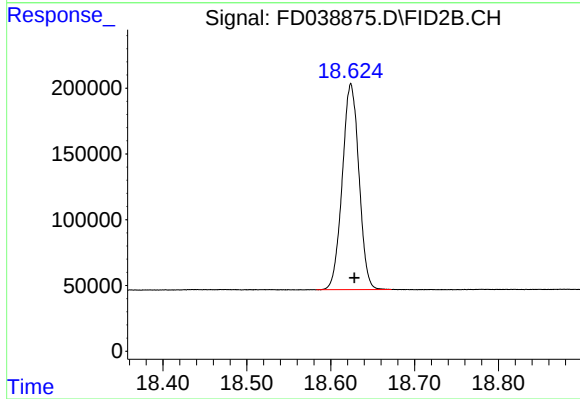
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2470784
Conc: 20.43 ug/ml



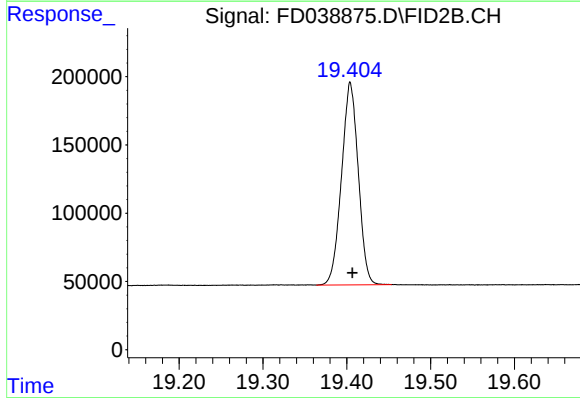
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.004 min
Response: 2328176
Conc: 20.30 ug/ml



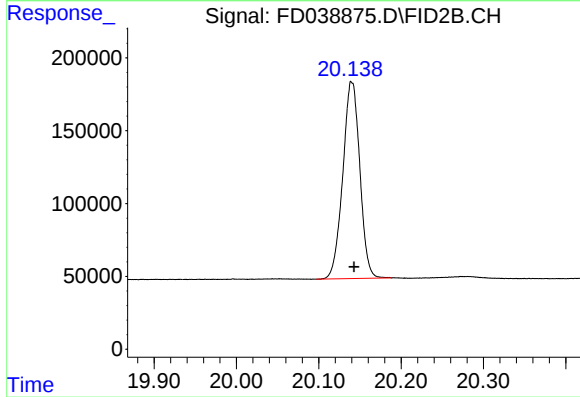
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.004 min
Response: 2161634
Conc: 19.99 ug/ml



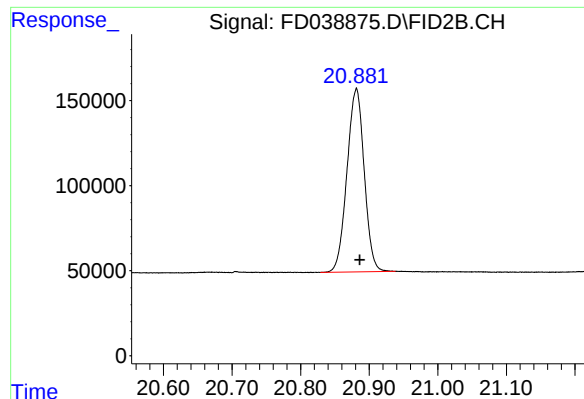
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.002 min
Response: 2058713
Conc: 19.77 ug/ml



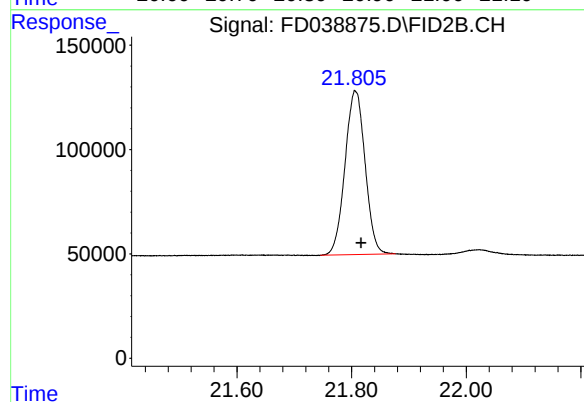
#20 n-Hexatriacontane (C36)

R.T.: 20.140 min
Delta R.T.: -0.003 min
Response: 1942848
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.881 min
Delta R.T.: -0.005 min
Response: 1879436
Conc: 19.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min
Delta R.T.: -0.011 min
Response: 1906167
Conc: 20.13 ug/ml