

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040821AL\
 Data File : FD036775.D
 Signal(s) : FID2B.CH
 Acq On : 08 Apr 2021 11:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 01:59:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.493	2649582	17.882 ug/ml
Spiked Amount 50.000		Recovery =	35.76%
12) S 1-chlorooctadecane (S...	12.926	2024975	17.400 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
Target Compounds			
1) T n-Nonane (C9)	3.290	2580327	20.299 ug/ml
2) T n-Decane (C10)	4.352	2630778	20.417 ug/ml
3) T A~Naphthalene (C11.7)	5.927	2938225	20.124 ug/ml
4) T n-Dodecane (C12)	6.363	2704943	20.405 ug/ml
5) T A~2-methylnaphthalene...	6.980	2975387	19.872 ug/ml
6) T n-Tetradecane (C14)	8.151	2683876	19.746 ug/ml
7) T n-Hexadecane (C16)	9.745	2577337	19.353 ug/ml
8) T n-Octadecane (C18)	11.181	2589259	18.692 ug/ml
10) T n-Eicosane (C20)	12.484	2489610	18.010 ug/ml
11) T n-Heneicosane (C21)	13.093	2406401	17.479 ug/ml
13) T n-Docosane (C22)	13.676	2379866	17.496 ug/ml
14) T n-Tetracosane (C24)	14.773	2328424	17.563 ug/ml
15) T n-Hexacosane (C26)	15.788	2199716	17.373 ug/ml
16) T n-Octacosane (C28)	16.732	2144779	17.784 ug/ml
17) T n-Tricontane (C30)	17.615	2111973	18.385 ug/ml
18) T n-Dotriacontane (C32)	18.442	2050248	18.640 ug/ml
19) T n-Tetratriacontane (C34)	19.220	1991275	19.389 ug/ml
20) T n-Hexatriacontane (C36)	19.955	1937142	19.826 ug/ml
21) T n-Octatriacontane (C38)	20.665	1872244	20.250 ug/mlm
22) T n-Tetracontane (C40)	21.519	1894409	18.782 ug/ml

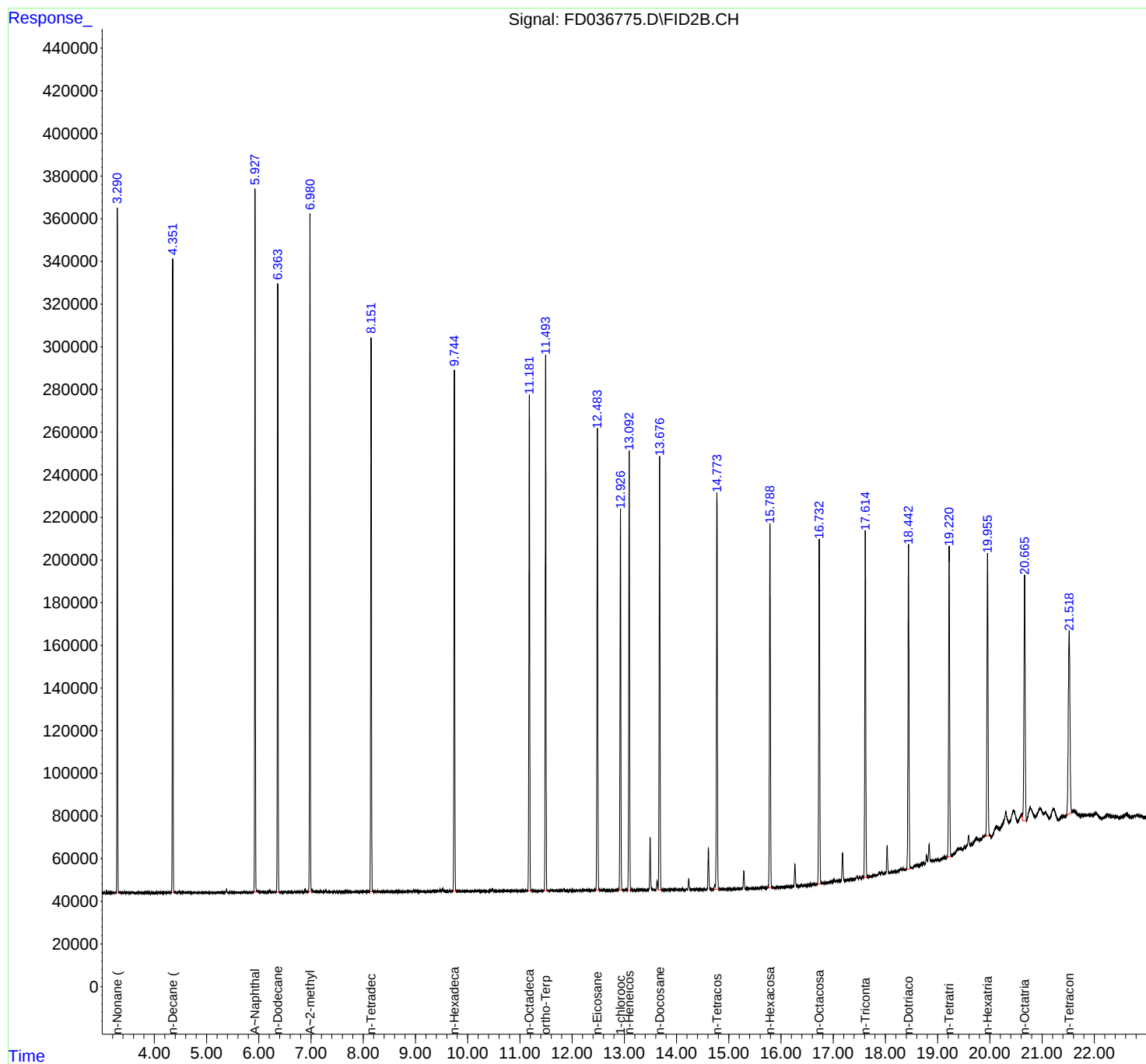
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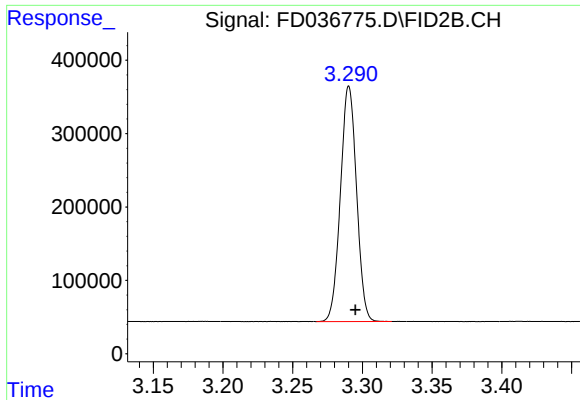
(m)=manual int.

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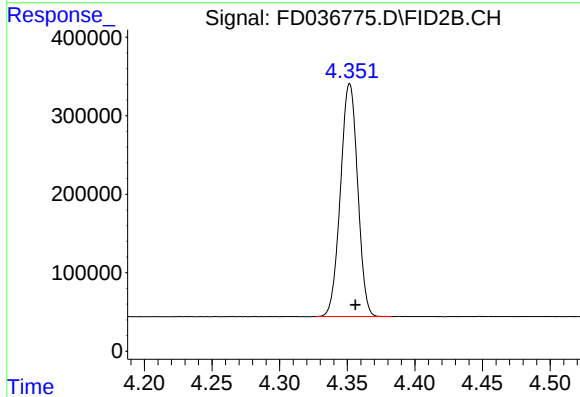
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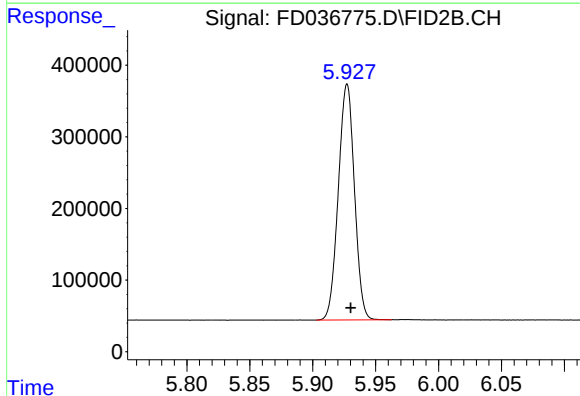
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2580327
Conc: 20.30 ug/ml



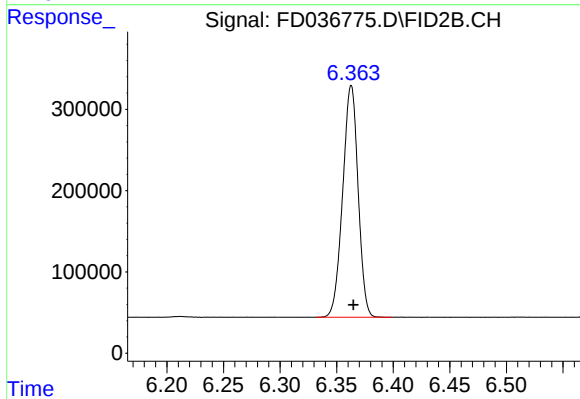
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 2630778
Conc: 20.42 ug/ml



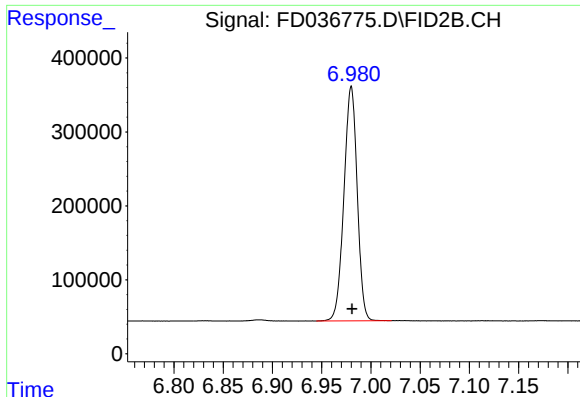
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 2938225
Conc: 20.12 ug/ml



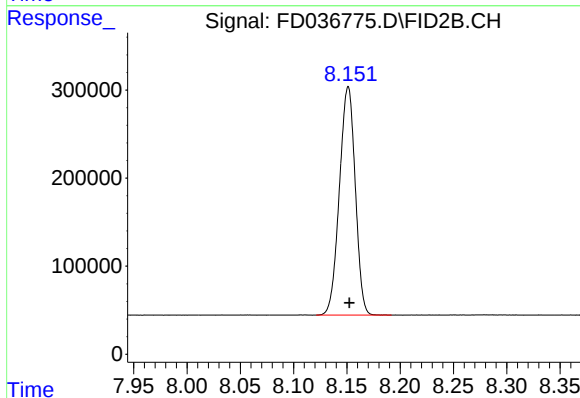
#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 2704943
Conc: 20.41 ug/ml



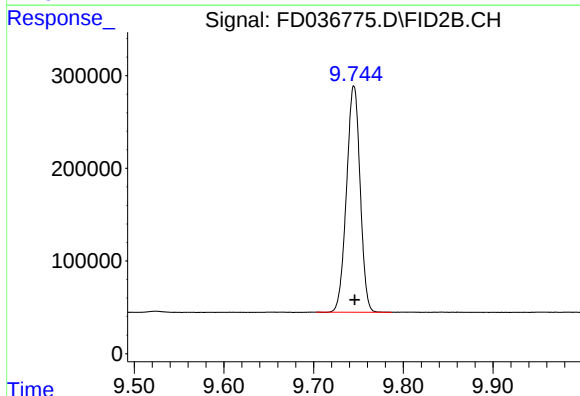
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 2975387
Conc: 19.87 ug/ml



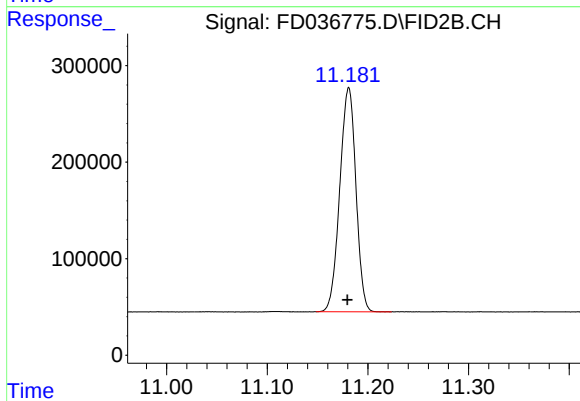
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 2683876
Conc: 19.75 ug/ml



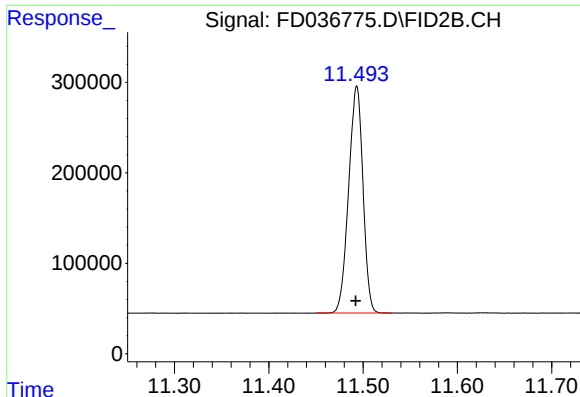
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2577337
Conc: 19.35 ug/ml



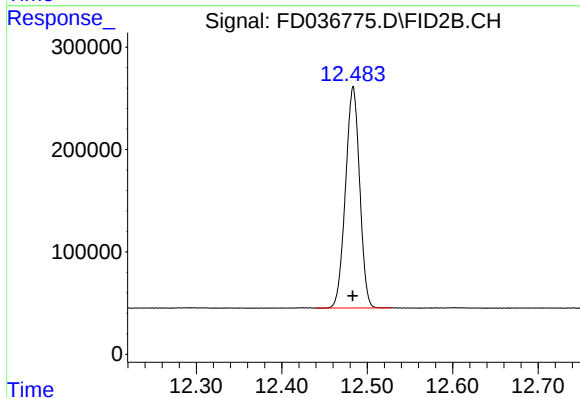
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.001 min
Response: 2589259
Conc: 18.69 ug/ml



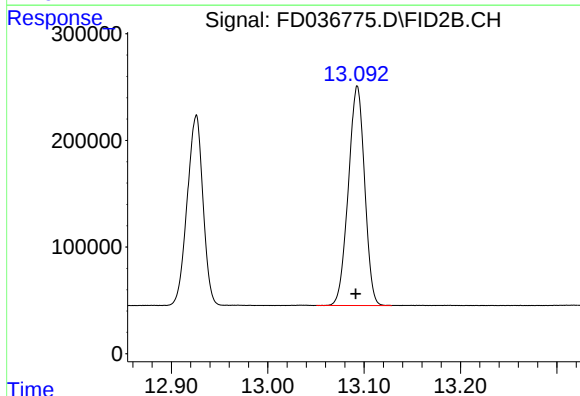
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.001 min
Response: 2649582
Conc: 17.88 ug/ml



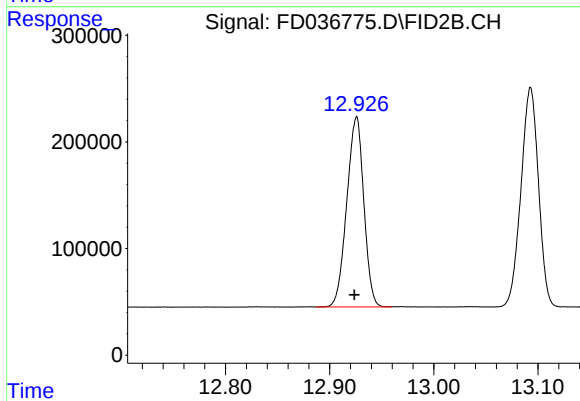
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.000 min
Response: 2489610
Conc: 18.01 ug/ml



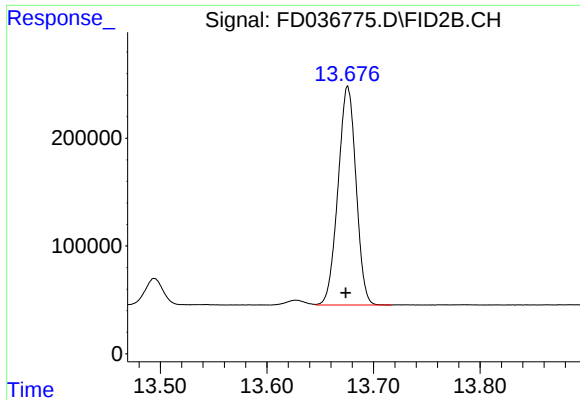
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.002 min
Response: 2406401
Conc: 17.48 ug/ml



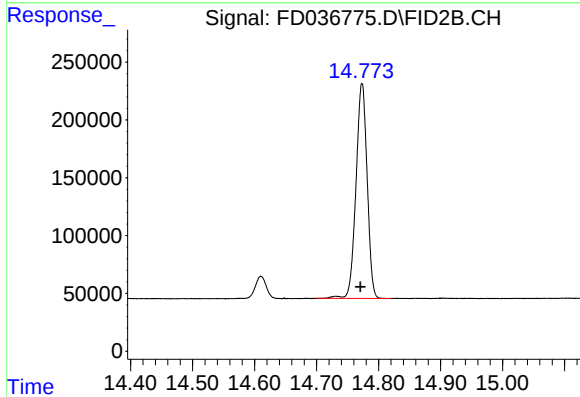
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 2024975
Conc: 17.40 ug/ml



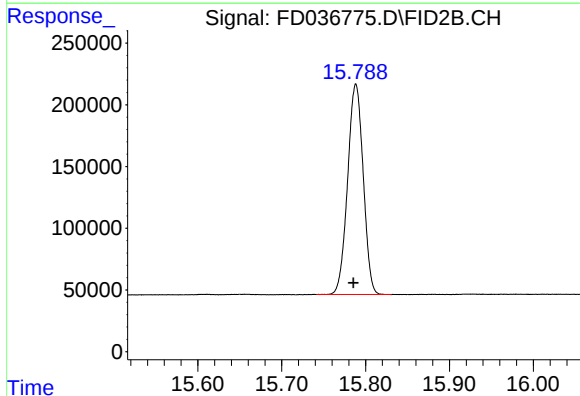
#13 n-Docosane (C22)

R.T.: 13.676 min
Delta R.T.: 0.002 min
Response: 2379866
Conc: 17.50 ug/ml



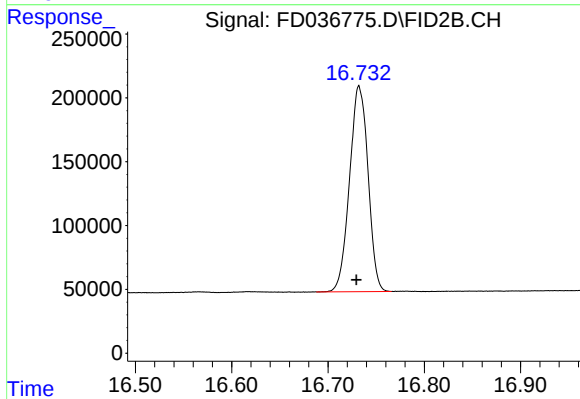
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: 0.003 min
Response: 2328424
Conc: 17.56 ug/ml



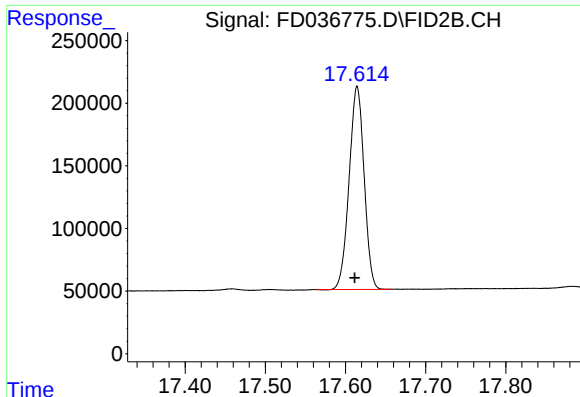
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 2199716
Conc: 17.37 ug/ml



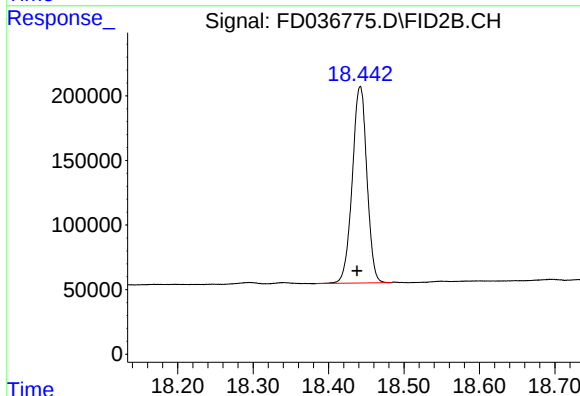
#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2144779
Conc: 17.78 ug/ml



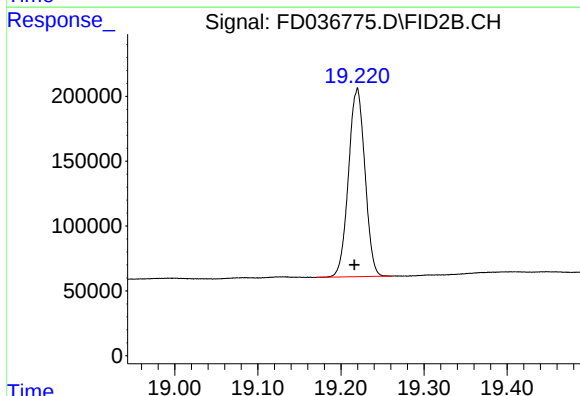
#17 n-Tricontane (C30)

R.T.: 17.615 min
Delta R.T.: 0.003 min
Response: 2111973
Conc: 18.38 ug/ml



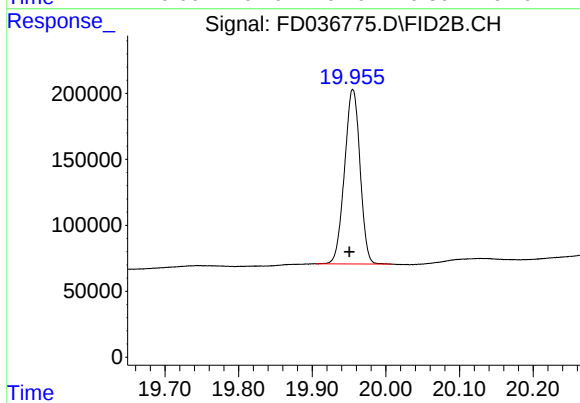
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.004 min
Response: 2050248
Conc: 18.64 ug/ml



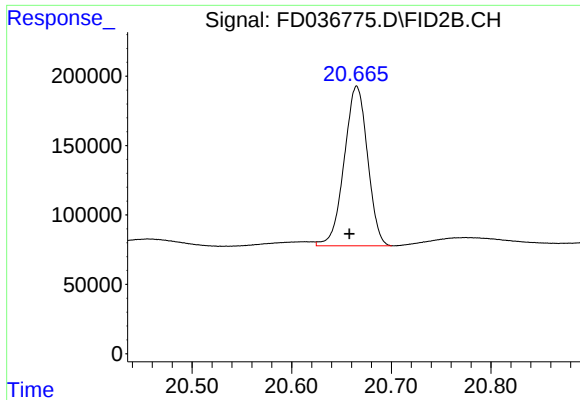
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.003 min
Response: 1991275
Conc: 19.39 ug/ml



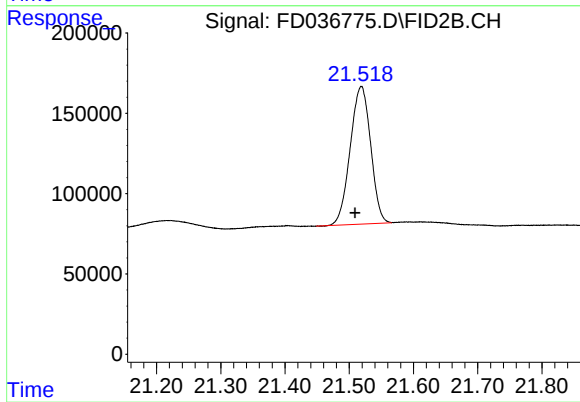
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min
Delta R.T.: 0.005 min
Response: 1937142
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.665 min
Delta R.T.: 0.007 min
Response: 1872244
Conc: 20.25 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.519 min
Delta R.T.: 0.010 min
Response: 1894409
Conc: 18.78 ug/ml