

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AL\
 Data File : FD040907.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 00:33
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 02:59:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 02:59:19 2022
 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)	11.236	2766755	98.972 ug/ml
Spiked Amount 50.000		Recovery =	197.94%
12) S 1-chlorooctadecane (S...	12.676	2155506	101.464 ug/ml
Spiked Amount 50.000		Recovery =	202.93%
Target Compounds			
1) T n-Nonane (C9)	3.081	2302826	101.254 ug/ml
2) T n-Decane (C10)	4.140	2345686	102.203 ug/ml
3) T A~Naphthalene (C11.7)	5.695	2511587	114.970 ug/ml
4) T n-Dodecane (C12)	6.143	2410005	102.636 ug/ml
5) T A~2-methylnaphthalene...	6.742	2553140	117.713 ug/ml
6) T n-Tetradecane (C14)	7.921	2465747	102.365 ug/ml
7) T n-Hexadecane (C16)	9.508	2487648	101.371 ug/ml
8) T n-Octadecane (C18)	10.938	2546475	100.492 ug/ml
10) T n-Eicosane (C20)	12.239	2511919	100.089 ug/ml
11) T n-Heneicosane (C21)	12.847	2526274	99.147 ug/ml
13) T n-Docosane (C22)	13.429	2489095	98.874 ug/ml
14) T n-Tetracosane (C24)	14.525	2464509	98.682 ug/ml
15) T n-Hexacosane (C26)	15.539	2402094	98.356 ug/ml
16) T n-Octacosane (C28)	16.484	2376895	97.866 ug/ml
17) T n-Tricontane (C30)	17.366	2332324	97.514 ug/ml
18) T n-Dotriacontane (C32)	18.194	2206704	97.810 ug/ml
19) T n-Tetratriacontane (C34)	18.974	2117266	97.206 ug/ml
20) T n-Hexatriacontane (C36)	19.709	1991864	98.958 ug/ml
21) T n-Octatriacontane (C38)	20.407	1912505	99.466 ug/ml
22) T n-Tetracontane (C40)	21.190	1960682	102.083 ug/ml

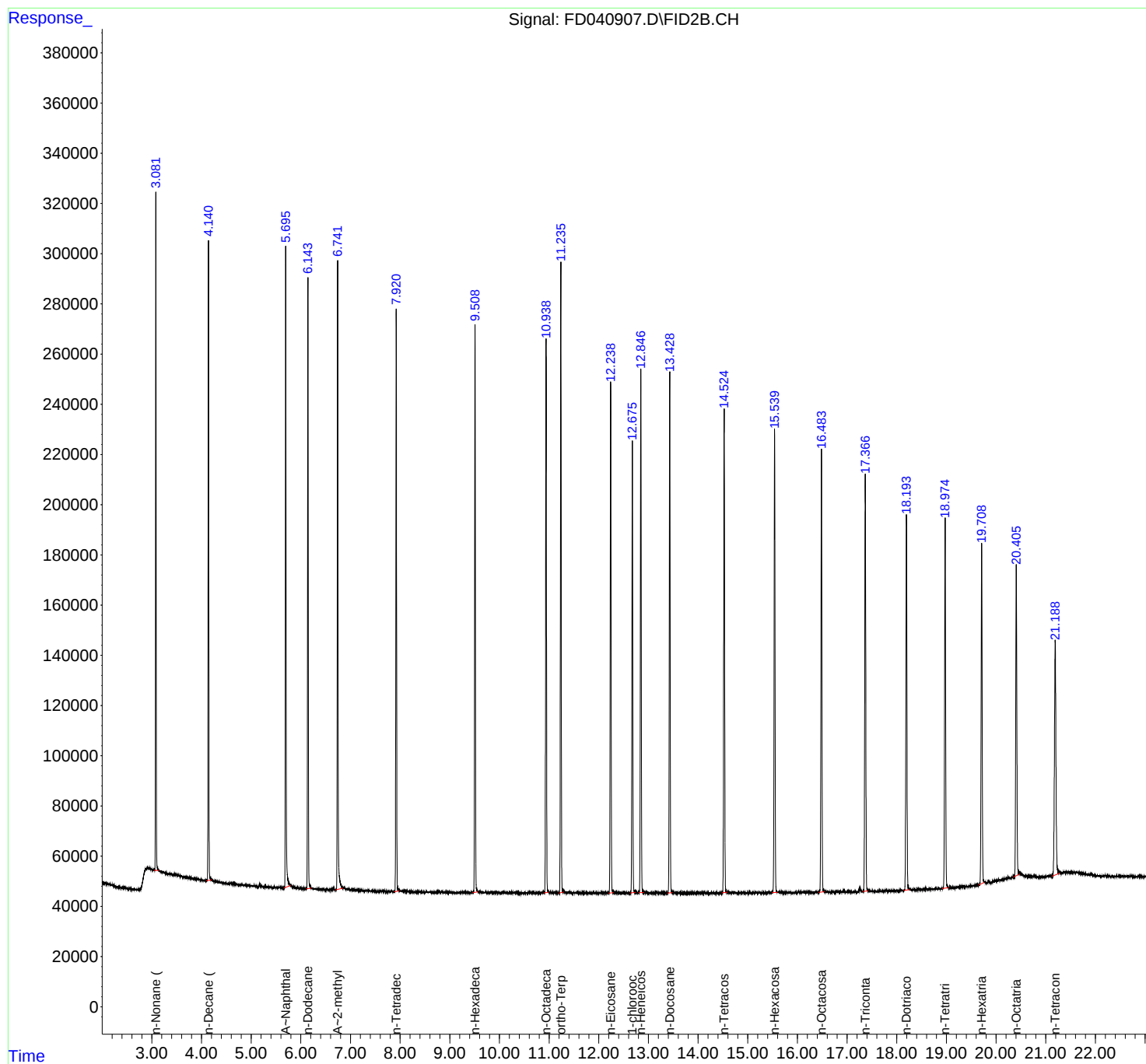
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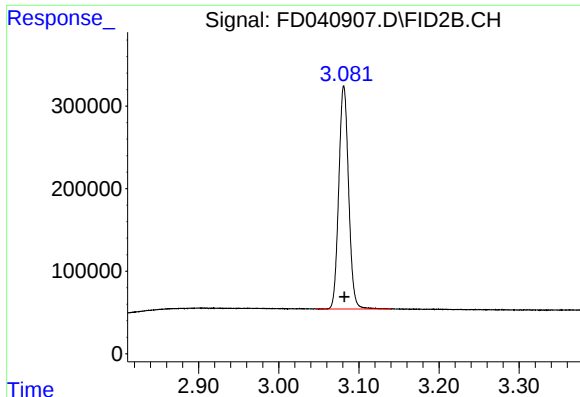
(m)=manual int.

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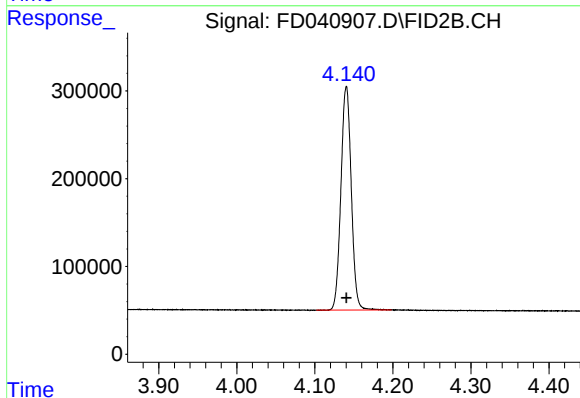
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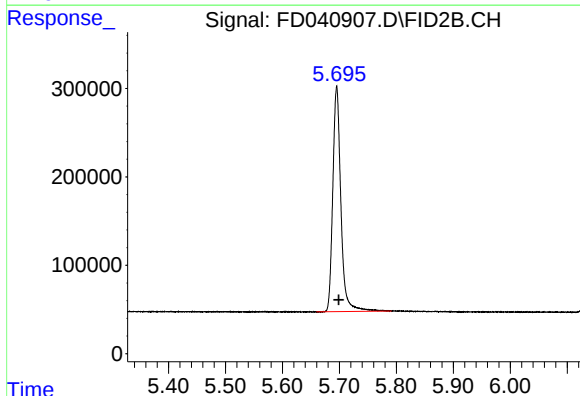
#1 n-Nonane (C9)

R.T.: 3.081 min
Delta R.T.: 0.000 min
Response: 2302826
Conc: 101.25 ug/ml



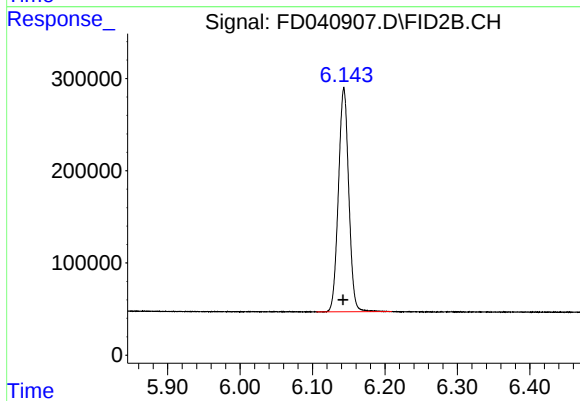
#2 n-Decane (C10)

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 2345686
Conc: 102.20 ug/ml



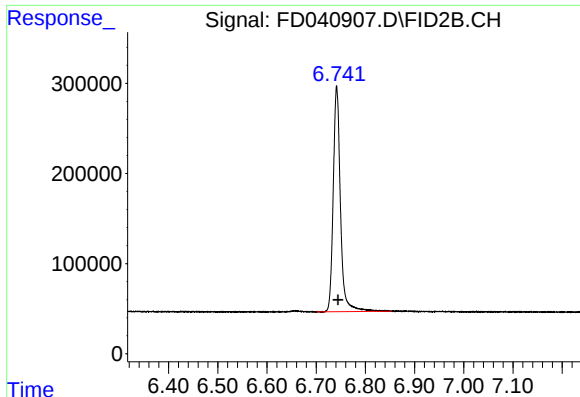
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 2511587
Conc: 114.97 ug/ml



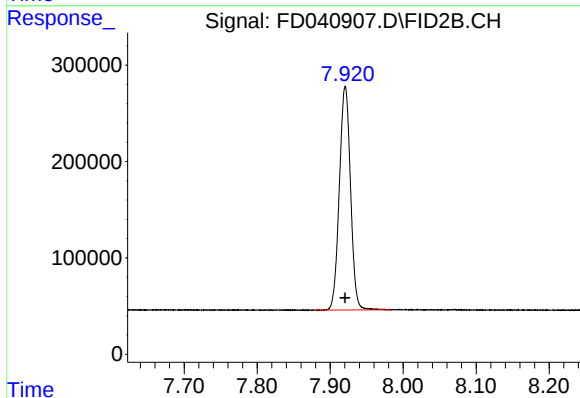
#4 n-Dodecane (C12)

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 2410005
Conc: 102.64 ug/ml



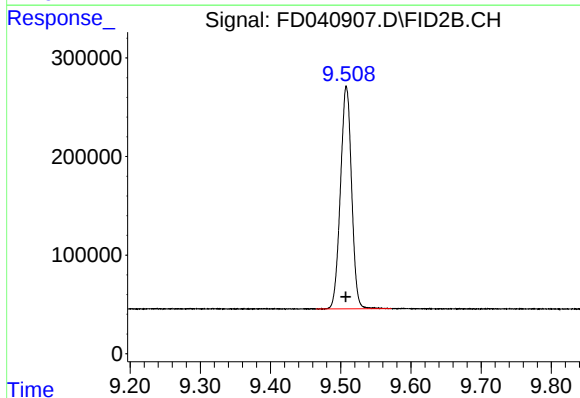
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 2553140
Conc: 117.71 ug/ml



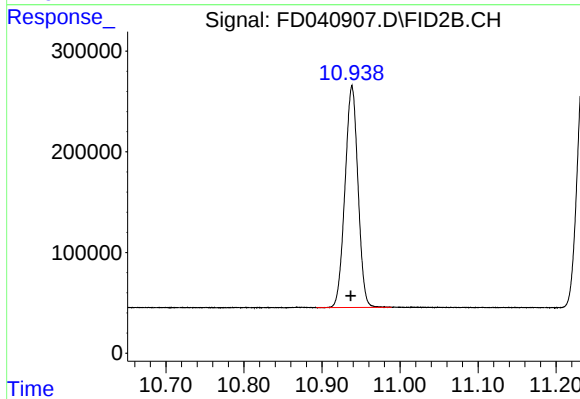
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 2465747
Conc: 102.37 ug/ml



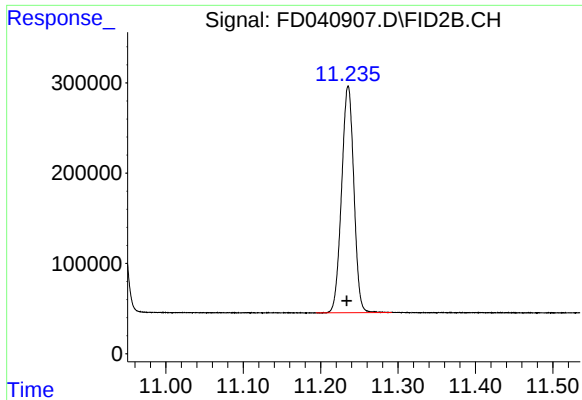
#7 n-Hexadecane (C16)

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 2487648
Conc: 101.37 ug/ml



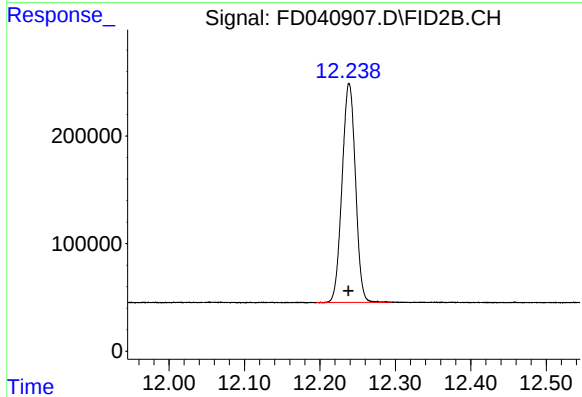
#8 n-Octadecane (C18)

R.T.: 10.938 min
Delta R.T.: 0.002 min
Response: 2546475
Conc: 100.49 ug/ml



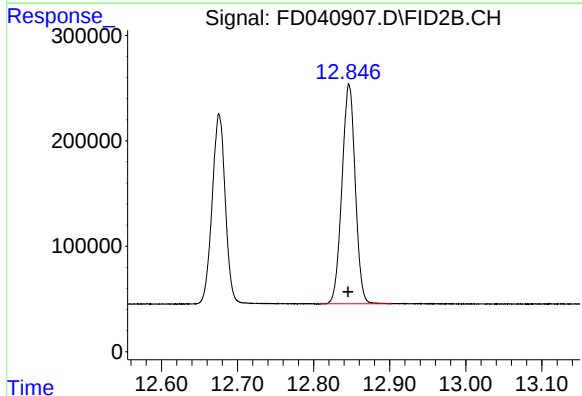
#9 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 2766755
Conc: 98.97 ug/ml



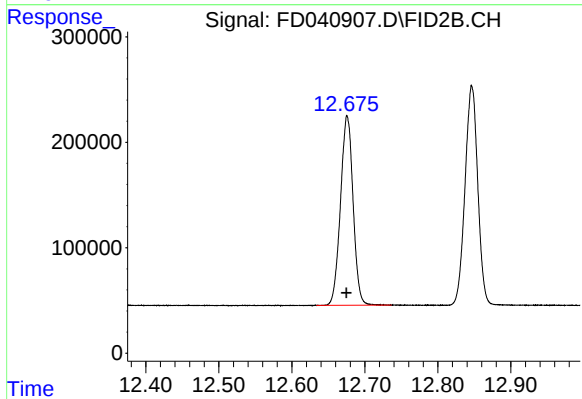
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: 0.000 min
Response: 2511919
Conc: 100.09 ug/ml



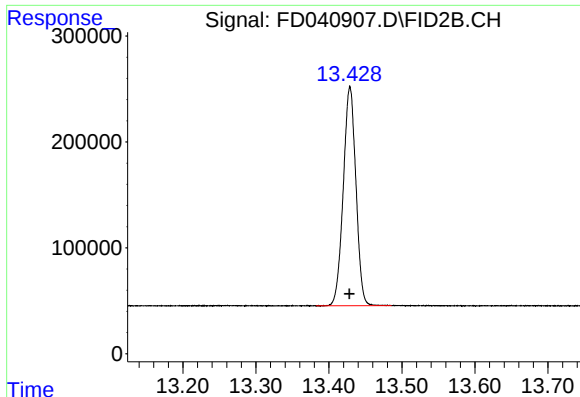
#11 n-Heneicosane (C21)

R.T.: 12.847 min
Delta R.T.: 0.001 min
Response: 2526274
Conc: 99.15 ug/ml



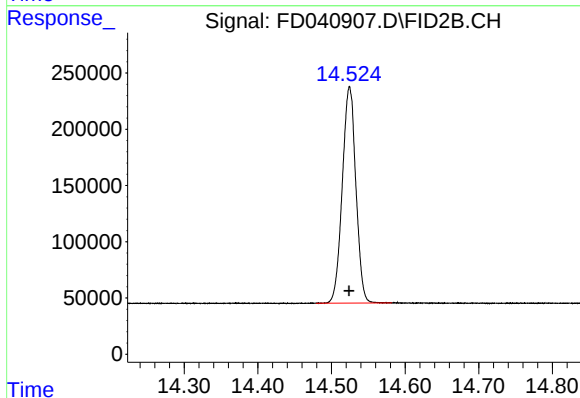
#12 1-chlorooctadecane (SURR)

R.T.: 12.676 min
Delta R.T.: 0.001 min
Response: 2155506
Conc: 101.46 ug/ml



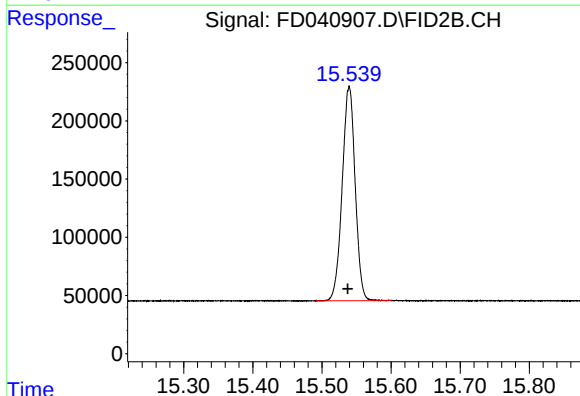
#13 n-Docosane (C22)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 2489095
Conc: 98.87 ug/ml



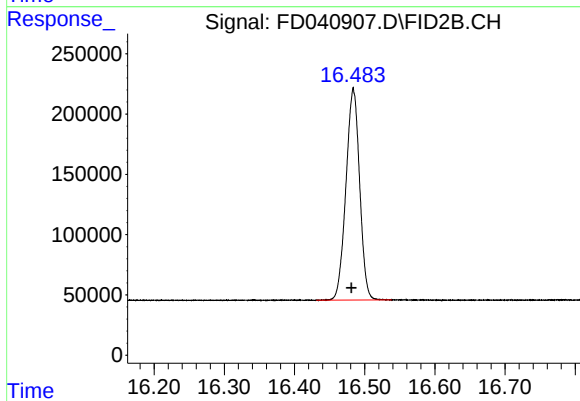
#14 n-Tetracosane (C24)

R.T.: 14.525 min
Delta R.T.: 0.000 min
Response: 2464509
Conc: 98.68 ug/ml



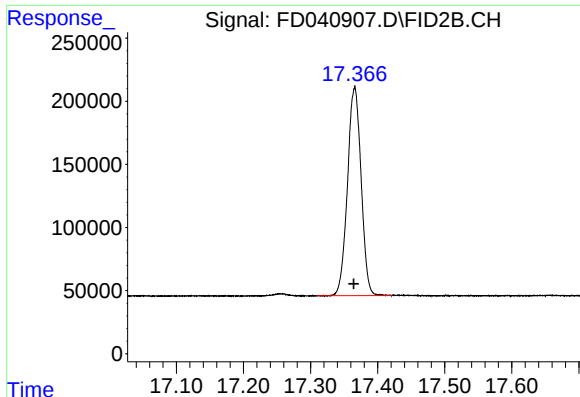
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: 0.002 min
Response: 2402094
Conc: 98.36 ug/ml



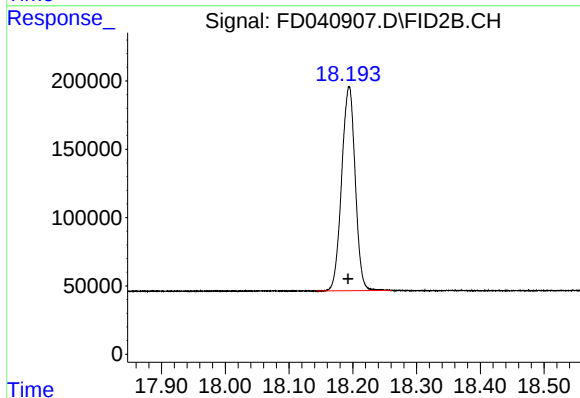
#16 n-Octacosane (C28)

R.T.: 16.484 min
Delta R.T.: 0.003 min
Response: 2376895
Conc: 97.87 ug/ml



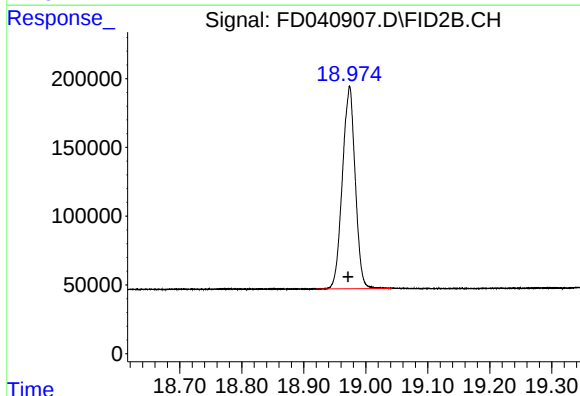
#17 n-Tricontane (C30)

R.T.: 17.366 min
Delta R.T.: 0.002 min
Response: 2332324
Conc: 97.51 ug/ml



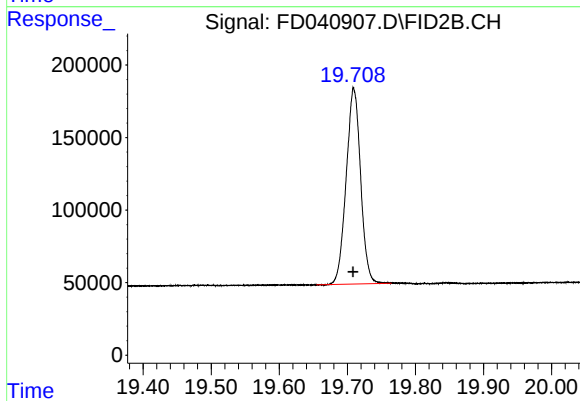
#18 n-Dotriacontane (C32)

R.T.: 18.194 min
Delta R.T.: 0.002 min
Response: 2206704
Conc: 97.81 ug/ml



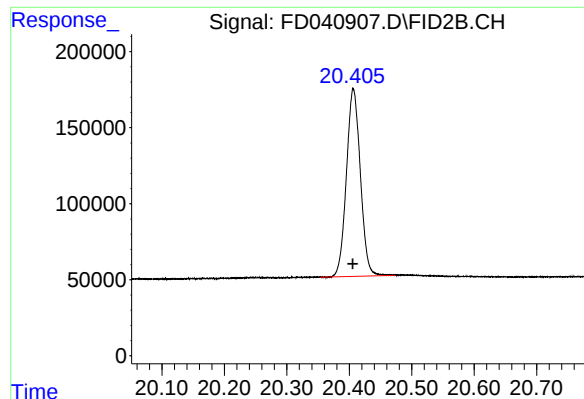
#19 n-Tetratriacontane (C34)

R.T.: 18.974 min
Delta R.T.: 0.003 min
Response: 2117266
Conc: 97.21 ug/ml



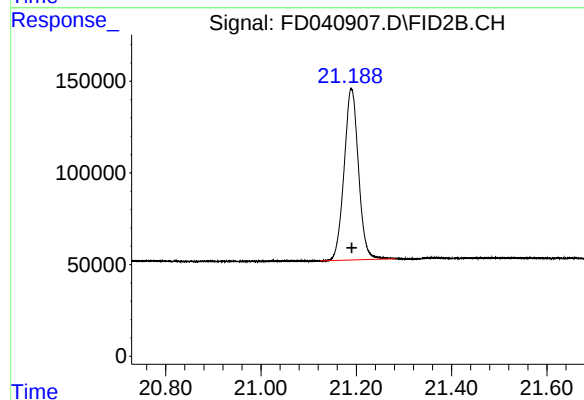
#20 n-Hexatriacontane (C36)

R.T.: 19.709 min
Delta R.T.: 0.000 min
Response: 1991864
Conc: 98.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.001 min
Response: 1912505
Conc: 99.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: 0.000 min
Response: 1960682
Conc: 102.08 ug/ml