

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070821AL\
 Data File : FD038118.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2021 15:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 15:56:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.420	2889419	19.989 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
12) S 1-chlorooctadecane (S...	12.855	2246178	19.702 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.236	2494500	20.528 ug/ml
2) T n-Decane (C10)	4.292	2542337	20.786 ug/ml
3) T A~Naphthalene (C11.7)	5.860	2851098	20.856 ug/ml
4) T n-Dodecane (C12)	6.296	2614674	20.993 ug/ml
5) T A~2-methylnaphthalene...	6.911	2872343	20.853 ug/ml
6) T n-Tetradecane (C14)	8.082	2693102	20.953 ug/ml
7) T n-Hexadecane (C16)	9.676	2711338	20.923 ug/ml
8) T n-Octadecane (C18)	11.111	2757086	20.472 ug/ml
10) T n-Eicosane (C20)	12.413	2697332	20.082 ug/ml
11) T n-Heneicosane (C21)	13.023	2698441	19.862 ug/ml
13) T n-Docosane (C22)	13.606	2667782	19.827 ug/ml
14) T n-Tetracosane (C24)	14.703	2661948	19.714 ug/ml
15) T n-Hexacosane (C26)	15.719	2528767	19.193 ug/ml
16) T n-Octacosane (C28)	16.664	2439701	18.711 ug/ml
17) T n-Tricontane (C30)	17.546	2306803	18.051 ug/ml
18) T n-Dotriacontane (C32)	18.374	2174218	17.670 ug/ml
19) T n-Tetratriacontane (C34)	19.153	2055459	17.552 ug/ml
20) T n-Hexatriacontane (C36)	19.888	1962096	17.967 ug/ml
21) T n-Octatriacontane (C38)	20.595	1857153	18.439 ug/ml
22) T n-Tetracontane (C40)	21.422	1938354	19.819 ug/ml

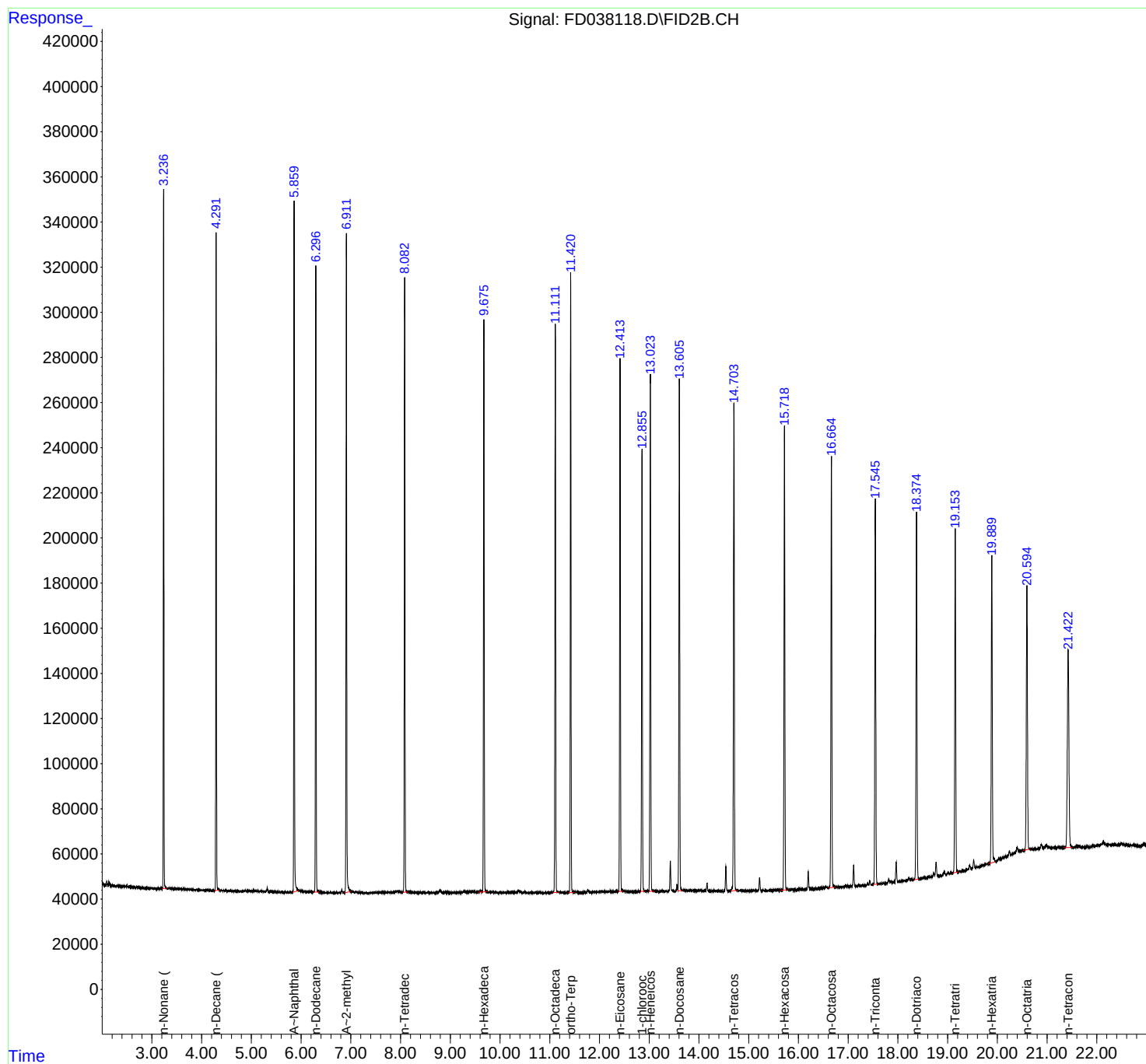
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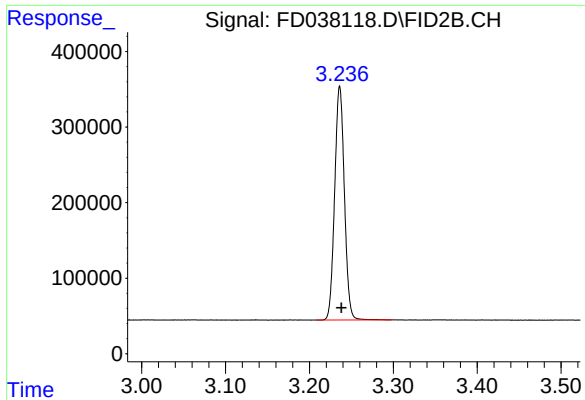
(m)=manual int.

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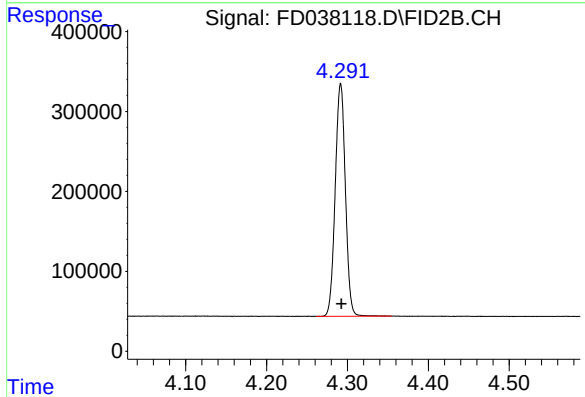
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





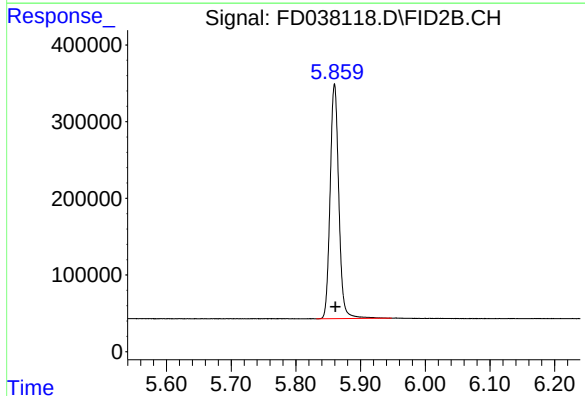
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.002 min
Response: 2494500
Conc: 20.53 ug/ml



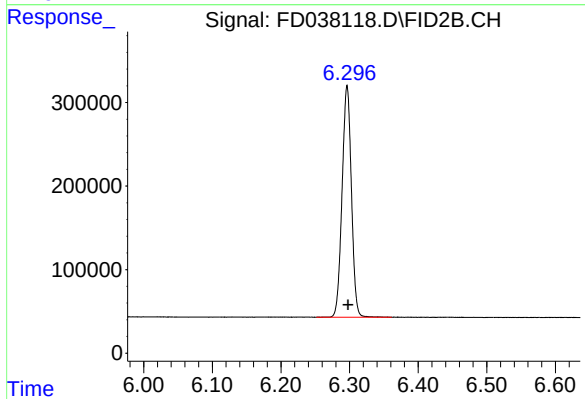
#2 n-Decane (C10)

R.T.: 4.292 min
Delta R.T.: -0.001 min
Response: 2542337
Conc: 20.79 ug/ml



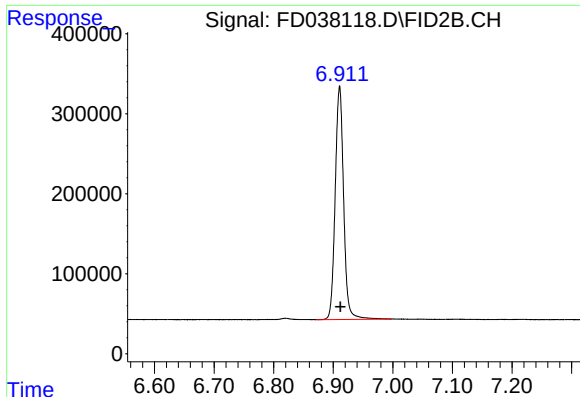
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 2851098
Conc: 20.86 ug/ml



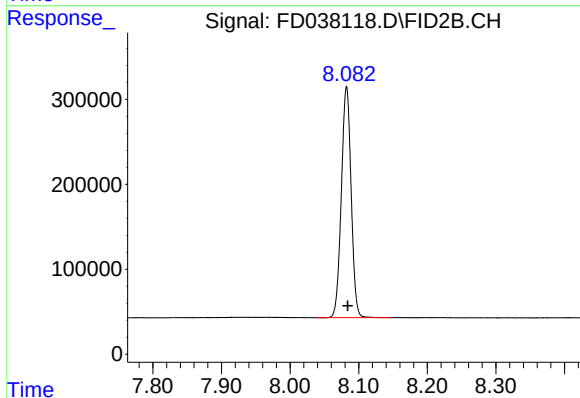
#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2614674
Conc: 20.99 ug/ml



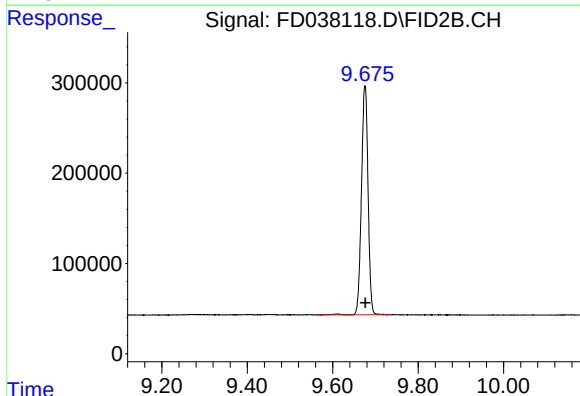
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 2872343
Conc: 20.85 ug/ml



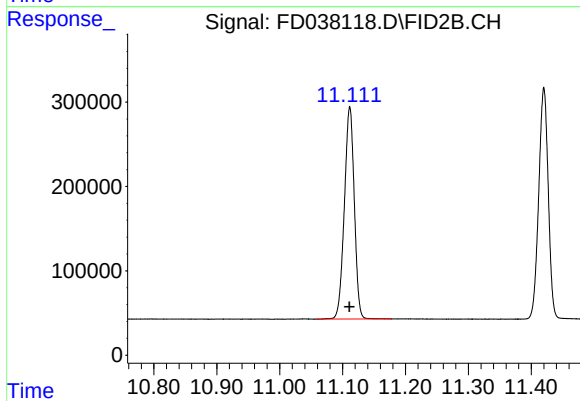
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.002 min
Response: 2693102
Conc: 20.95 ug/ml



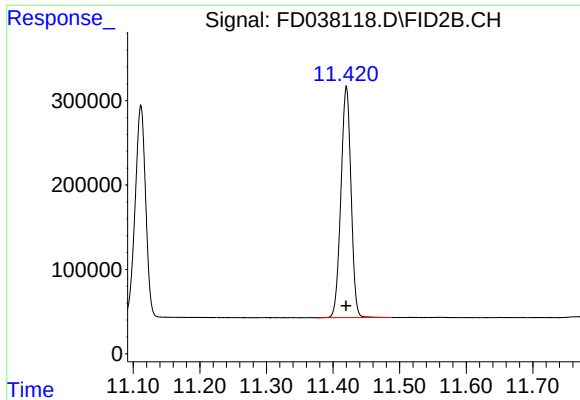
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 2711338
Conc: 20.92 ug/ml



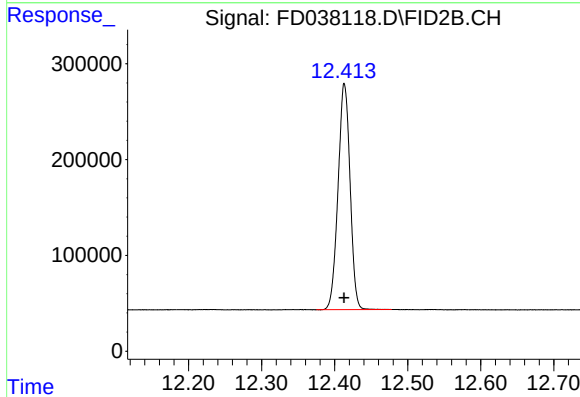
#8 n-Octadecane (C18)

R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 2757086
Conc: 20.47 ug/ml



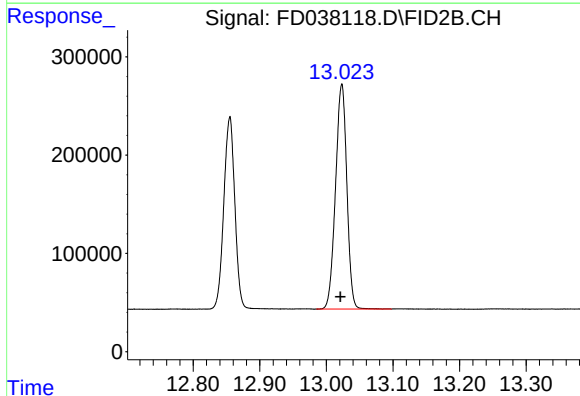
#9 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 2889419
Conc: 19.99 ug/ml



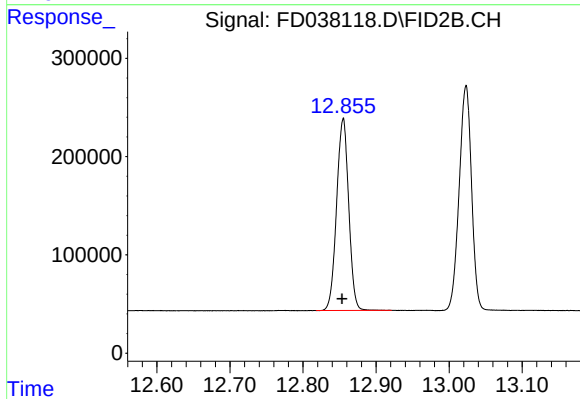
#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.000 min
Response: 2697332
Conc: 20.08 ug/ml



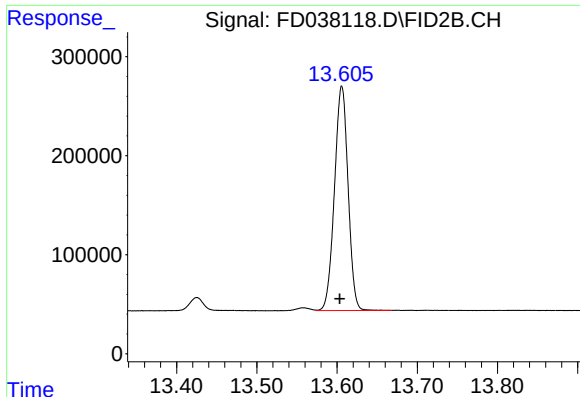
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: 0.002 min
Response: 2698441
Conc: 19.86 ug/ml



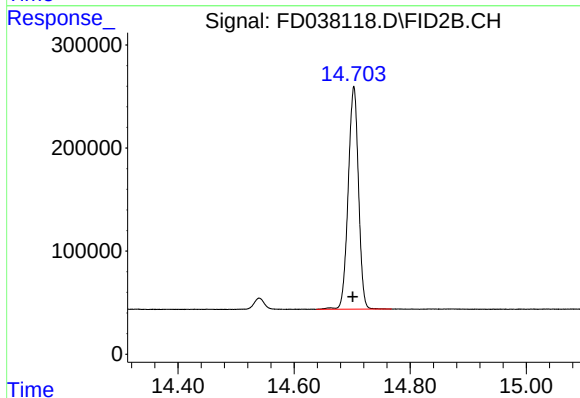
#12 1-chlorooctadecane (SURR)

R.T.: 12.855 min
Delta R.T.: 0.001 min
Response: 2246178
Conc: 19.70 ug/ml



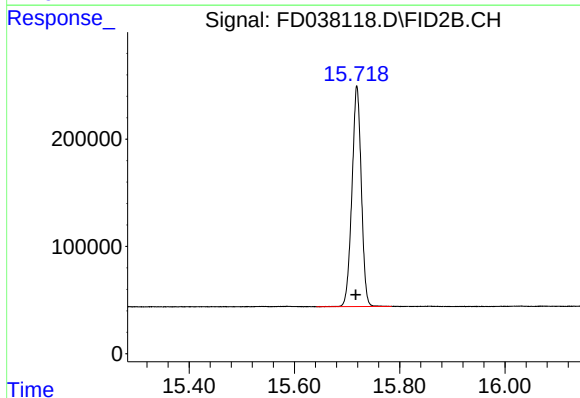
#13 n-Docosane (C22)

R.T.: 13.606 min
Delta R.T.: 0.002 min
Response: 2667782
Conc: 19.83 ug/ml



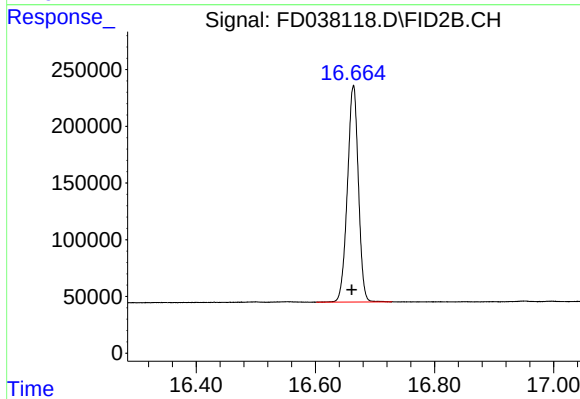
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.002 min
Response: 2661948
Conc: 19.71 ug/ml



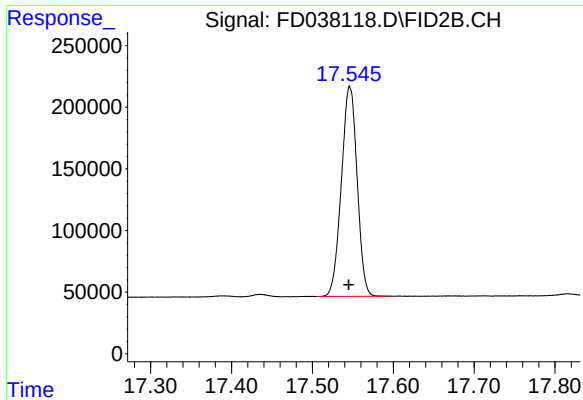
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.003 min
Response: 2528767
Conc: 19.19 ug/ml



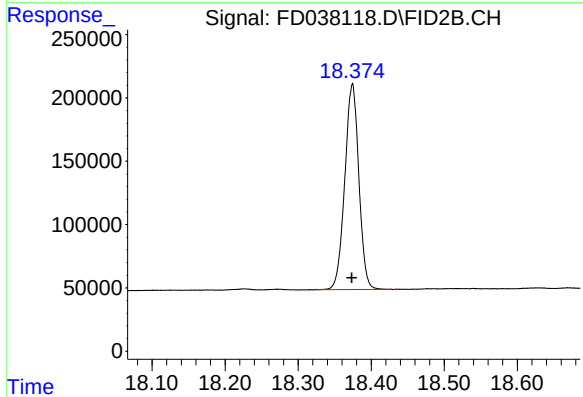
#16 n-Octacosane (C28)

R.T.: 16.664 min
Delta R.T.: 0.003 min
Response: 2439701
Conc: 18.71 ug/ml



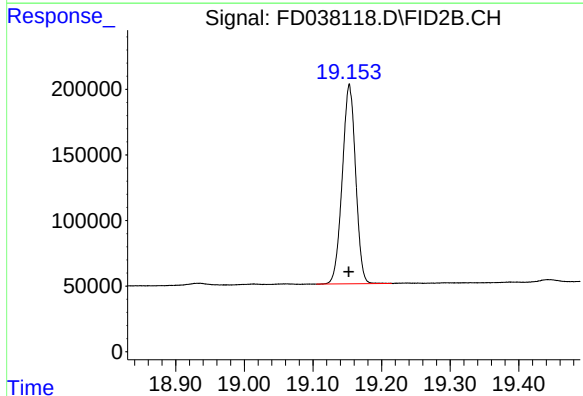
#17 n-Tricontane (C30)

R.T.: 17.546 min
Delta R.T.: 0.001 min
Response: 2306803
Conc: 18.05 ug/ml



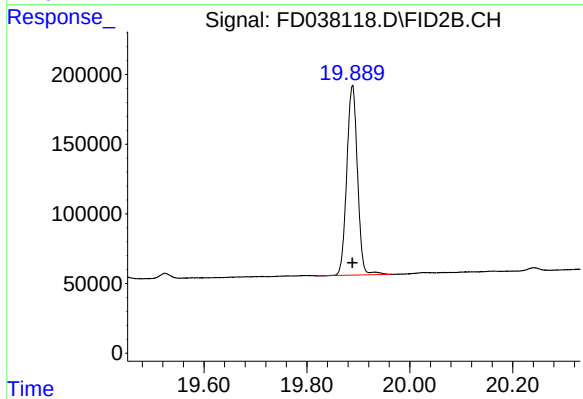
#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: 0.000 min
Response: 2174218
Conc: 17.67 ug/ml



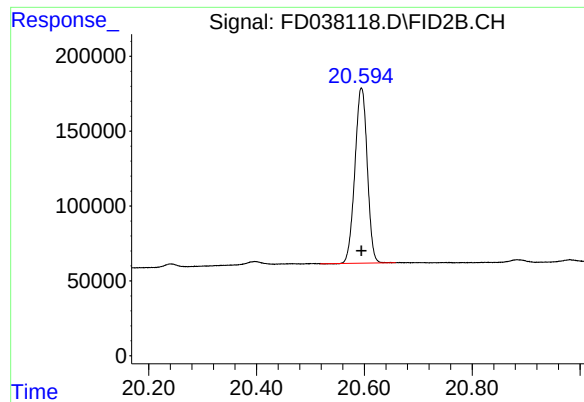
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min
Delta R.T.: 0.000 min
Response: 2055459
Conc: 17.55 ug/ml



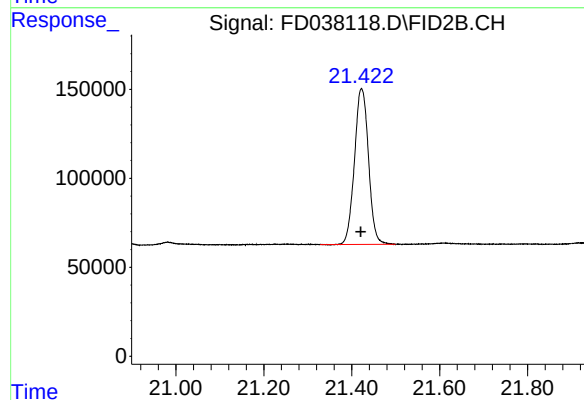
#20 n-Hexatriacontane (C36)

R.T.: 19.888 min
Delta R.T.: 0.000 min
Response: 1962096
Conc: 17.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: 0.000 min
Response: 1857153
Conc: 18.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.422 min
Delta R.T.: 0.002 min
Response: 1938354
Conc: 19.82 ug/ml