

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AL\
 Data File : FD040740.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 23:37
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 22 01:13:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.610	2604734	16.893 ug/ml
Spiked Amount 50.000		Recovery =	33.79%
12) S 1-chlorooctadecane (S...	12.048	1968900	16.727 ug/ml
Spiked Amount 50.000		Recovery =	33.45%
Target Compounds			
1) T n-Nonane (C9)	2.565	2275620	17.725 ug/ml
2) T n-Decane (C10)	3.550	2324030	18.048 ug/ml
3) T A~Naphthalene (C11.7)	5.080	2577901	18.145 ug/ml
4) T n-Dodecane (C12)	5.518	2350158	18.387 ug/ml
5) T A~2-methylnaphthalene...	6.119	2587218	18.339 ug/ml
6) T n-Tetradecane (C14)	7.293	2413729	18.633 ug/ml
7) T n-Hexadecane (C16)	8.880	2424330	18.608 ug/ml
8) T n-Octadecane (C18)	10.310	2451059	18.089 ug/ml
10) T n-Eicosane (C20)	11.610	2407194	17.697 ug/ml
11) T n-Heneicosane (C21)	12.218	2336514	16.873 ug/ml
13) T n-Docosane (C22)	12.801	2485885	18.028 ug/ml
14) T n-Tetracosane (C24)	13.897	2736588	19.571 ug/ml
15) T n-Hexacosane (C26)	14.912	2861729	20.760 ug/ml
16) T n-Octacosane (C28)	15.856	3072575	22.645 ug/ml
17) T n-Tricontane (C30)	16.739	3224948	24.743 ug/ml
18) T n-Dotriacontane (C32)	17.567	2996861	25.069 ug/ml
19) T n-Tetratriacontane (C34)	18.344	2499102	23.735 ug/mlm
20) T n-Hexatriacontane (C36)	19.081	2097492	20.699 ug/ml
21) T n-Octatriacontane (C38)	19.779	1871890	20.951 ug/ml
22) T n-Tetracontane (C40)	20.573	1788704	20.925 ug/ml

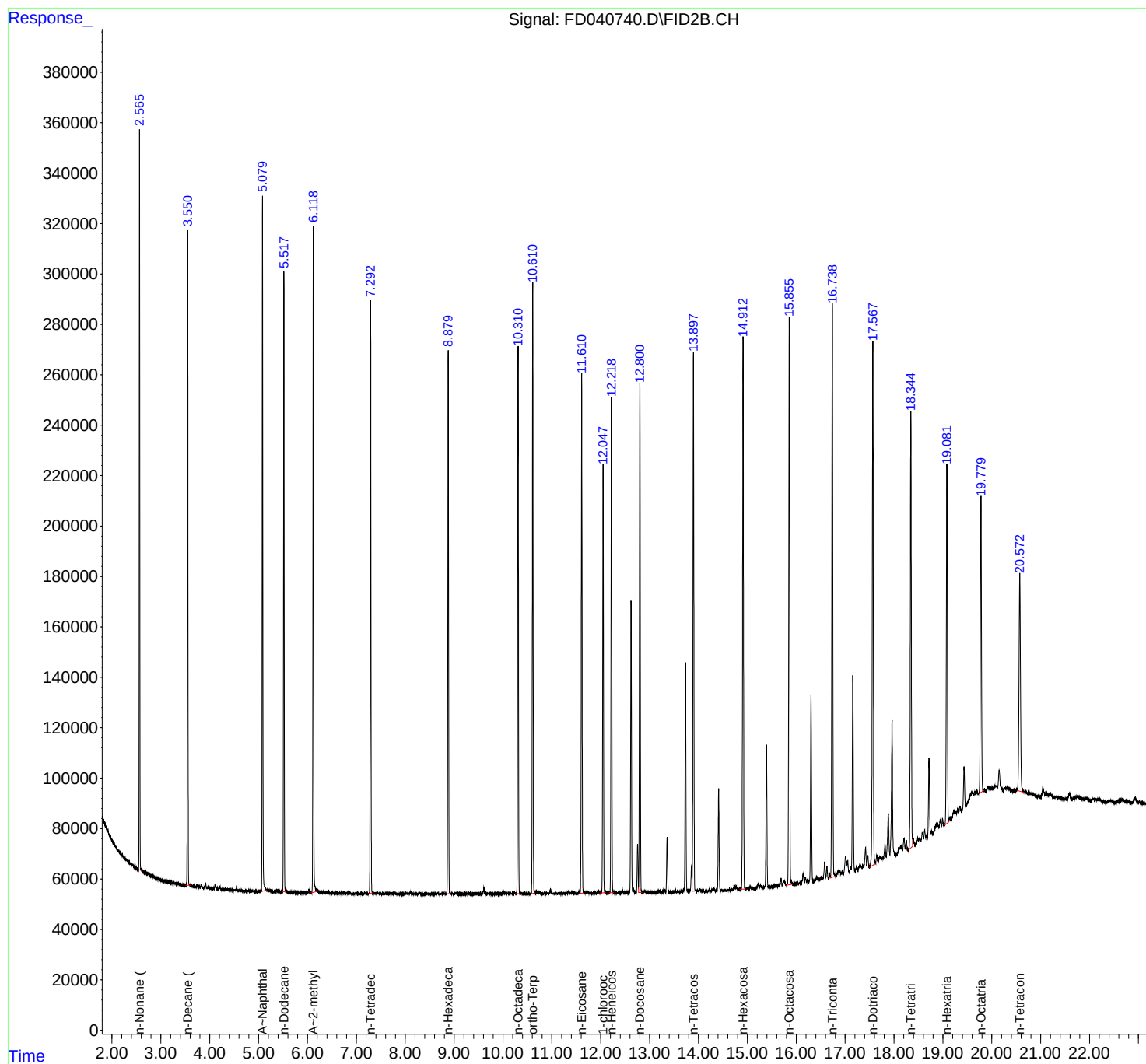
(f)=RT Delta > 1/2 Window

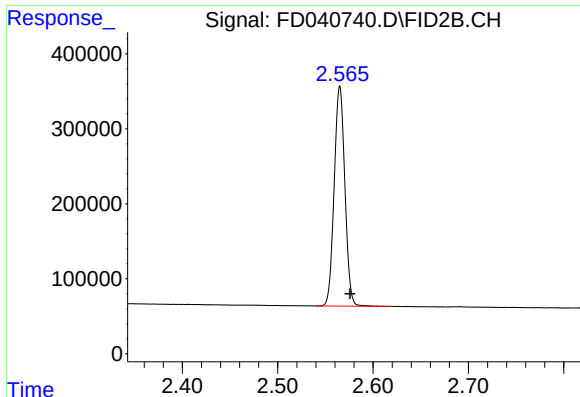
(m)=manual int.

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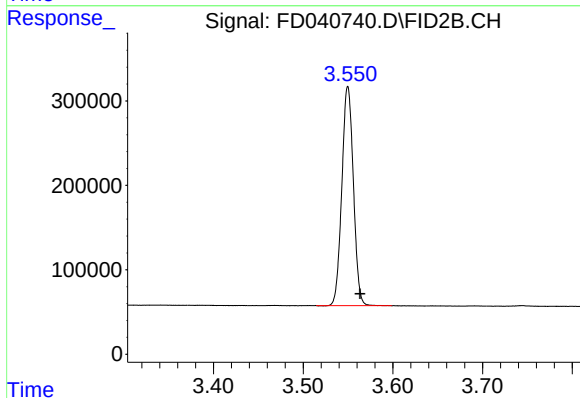
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Signal Info : 20M x 0.18mm x 0.18um





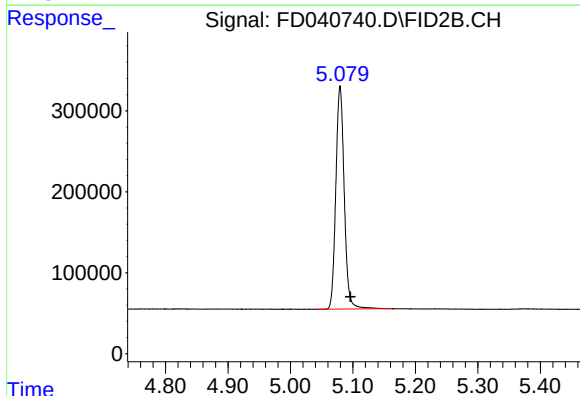
#1 n-Nonane (C9)

R.T.: 2.565 min
Delta R.T.: -0.011 min
Response: 2275620
Conc: 17.73 ug/ml



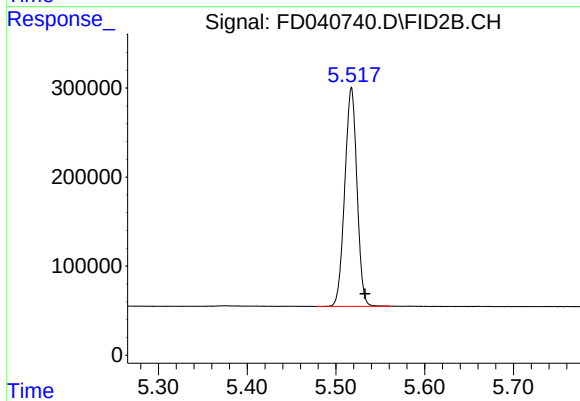
#2 n-Decane (C10)

R.T.: 3.550 min
Delta R.T.: -0.014 min
Response: 2324030
Conc: 18.05 ug/ml



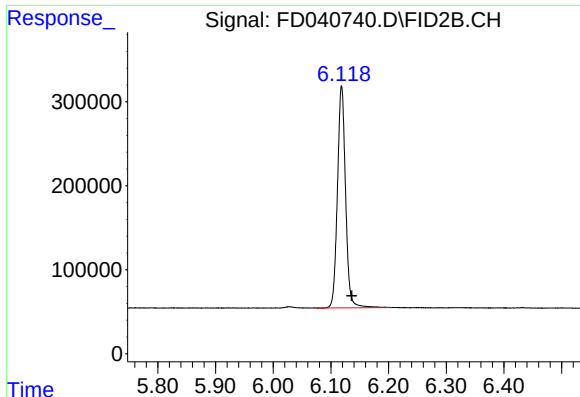
#3 A~Naphthalene (C11.7)

R.T.: 5.080 min
Delta R.T.: -0.016 min
Response: 2577901
Conc: 18.14 ug/ml



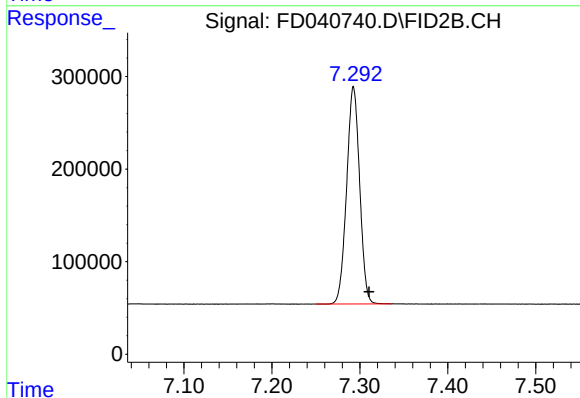
#4 n-Dodecane (C12)

R.T.: 5.518 min
Delta R.T.: -0.016 min
Response: 2350158
Conc: 18.39 ug/ml



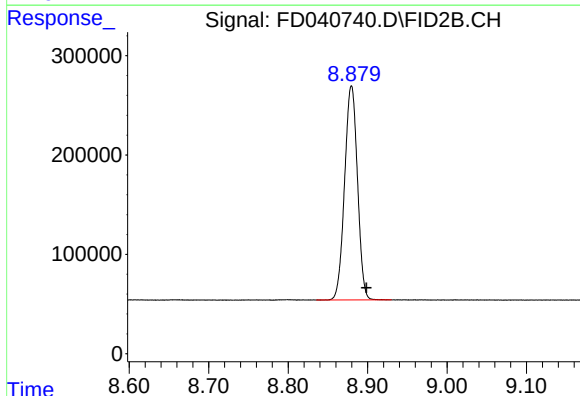
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.119 min
Delta R.T.: -0.017 min
Response: 2587218
Conc: 18.34 ug/ml



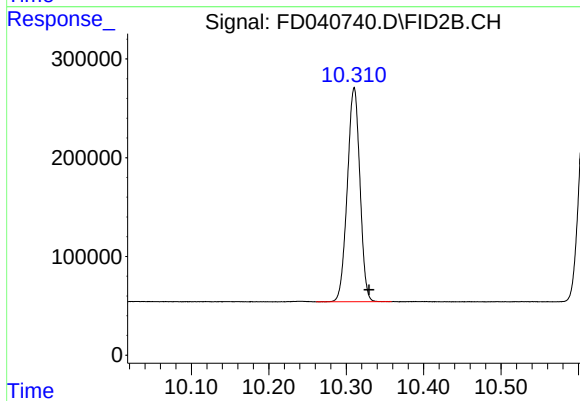
#6 n-Tetradecane (C14)

R.T.: 7.293 min
Delta R.T.: -0.018 min
Response: 2413729
Conc: 18.63 ug/ml



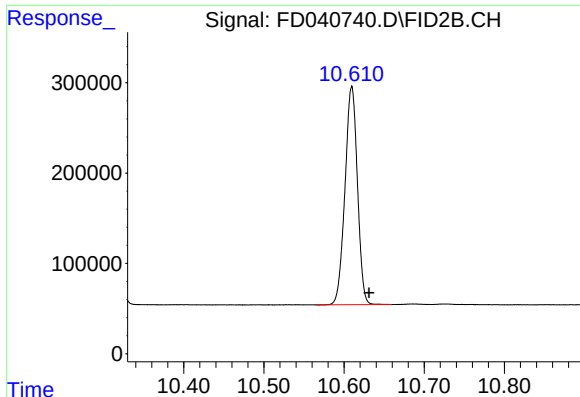
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.019 min
Response: 2424330
Conc: 18.61 ug/ml



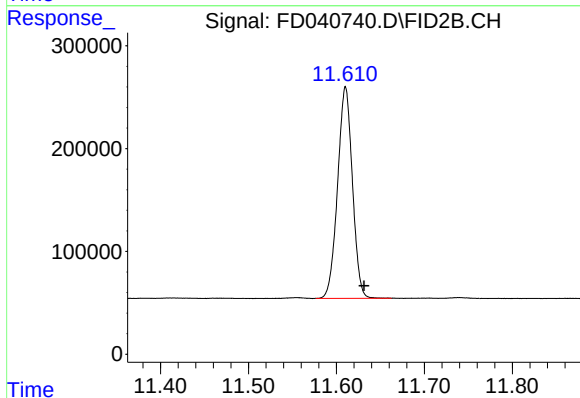
#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.019 min
Response: 2451059
Conc: 18.09 ug/ml



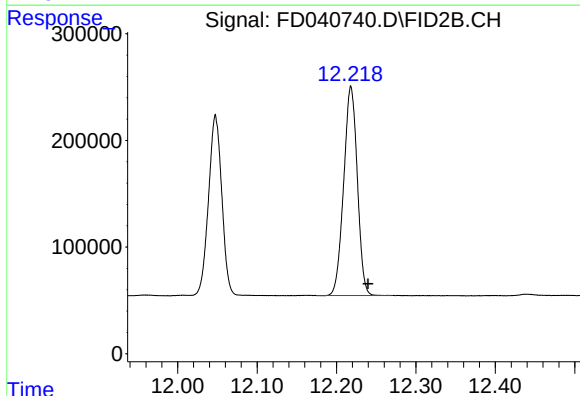
#9 ortho-Terphenyl (SURR)

R.T.: 10.610 min
Delta R.T.: -0.022 min
Response: 2604734
Conc: 16.89 ug/ml



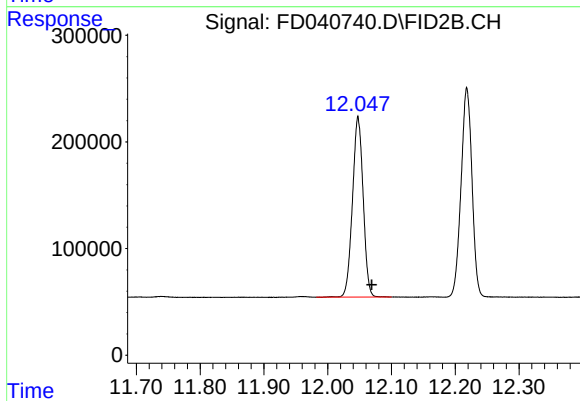
#10 n-Eicosane (C20)

R.T.: 11.610 min
Delta R.T.: -0.021 min
Response: 2407194
Conc: 17.70 ug/ml



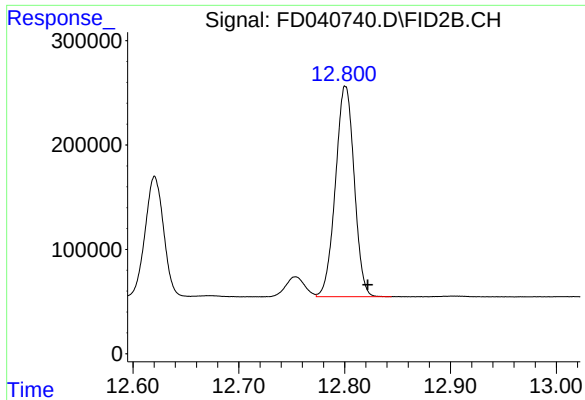
#11 n-Heneicosane (C21)

R.T.: 12.218 min
Delta R.T.: -0.021 min
Response: 2336514
Conc: 16.87 ug/ml



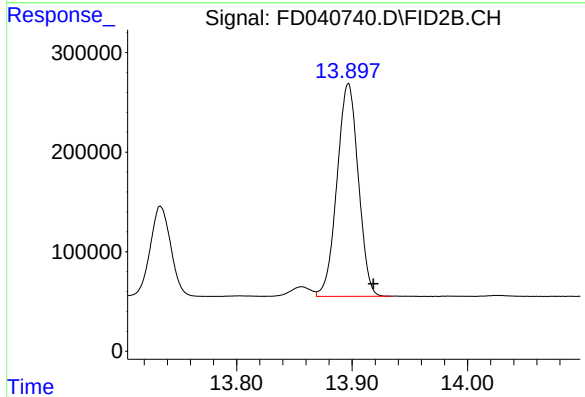
#12 1-chlorooctadecane (SURR)

R.T.: 12.048 min
Delta R.T.: -0.022 min
Response: 1968900
Conc: 16.73 ug/ml



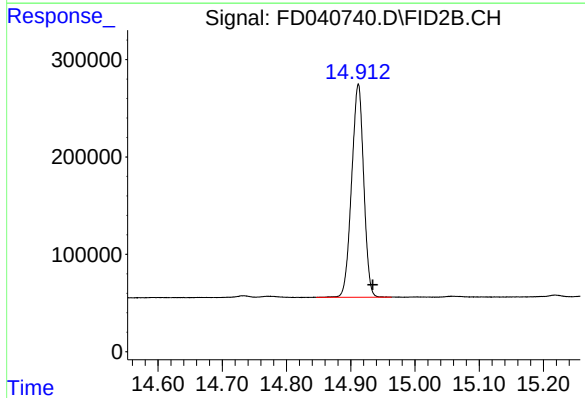
#13 n-Docosane (C22)

R.T.: 12.801 min
Delta R.T.: -0.021 min
Response: 2485885
Conc: 18.03 ug/ml



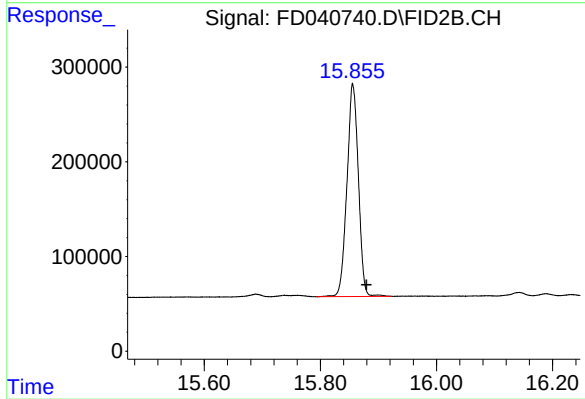
#14 n-Tetracosane (C24)

R.T.: 13.897 min
Delta R.T.: -0.022 min
Response: 2736588
Conc: 19.57 ug/ml



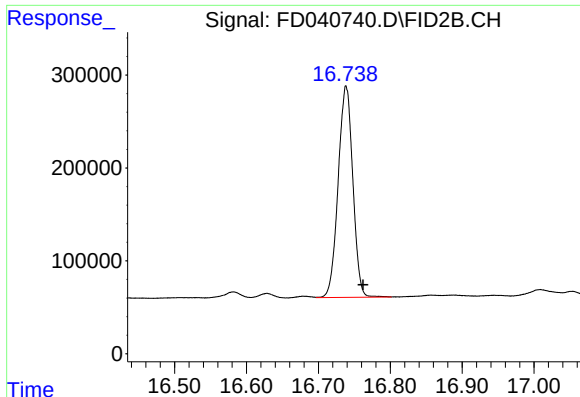
#15 n-Hexacosane (C26)

R.T.: 14.912 min
Delta R.T.: -0.022 min
Response: 2861729
Conc: 20.76 ug/ml



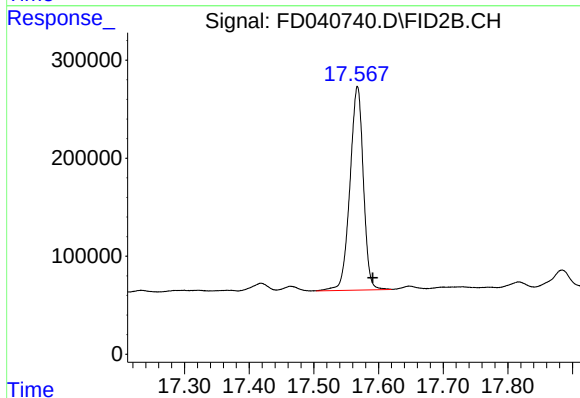
#16 n-Octacosane (C28)

R.T.: 15.856 min
Delta R.T.: -0.024 min
Response: 3072575
Conc: 22.64 ug/ml



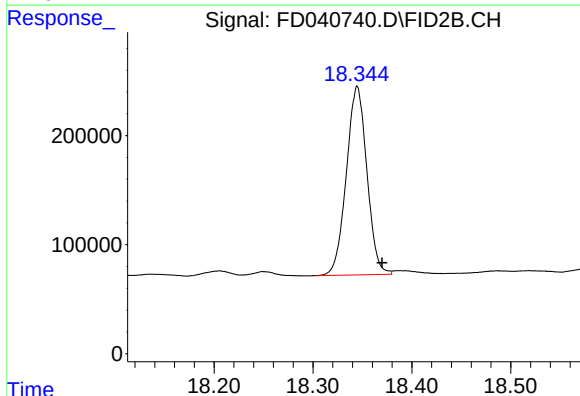
#17 n-Tricontane (C30)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 3224948
Conc: 24.74 ug/ml



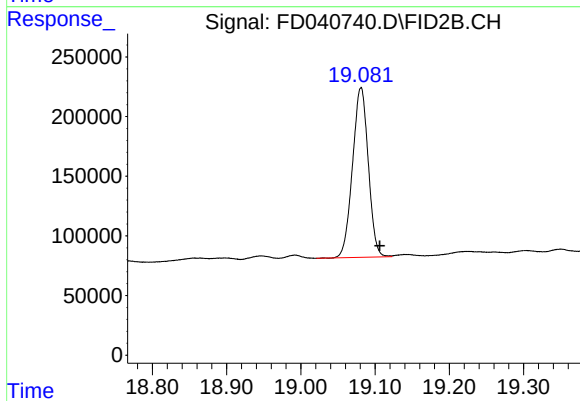
#18 n-Dotriacontane (C32)

R.T.: 17.567 min
Delta R.T.: -0.024 min
Response: 2996861
Conc: 25.07 ug/ml



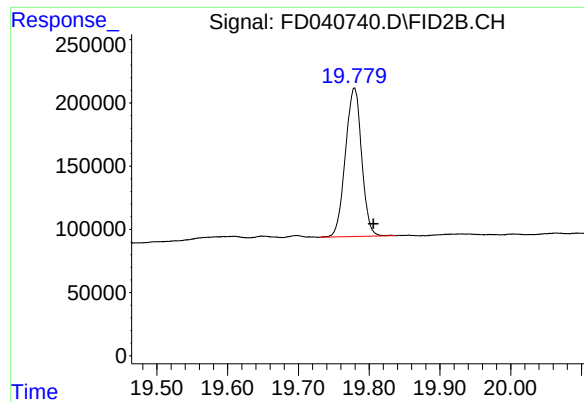
#19 n-Tetratriacontane (C34)

R.T.: 18.344 min
Delta R.T.: -0.026 min
Response: 2499102
Conc: 23.73 ug/ml m



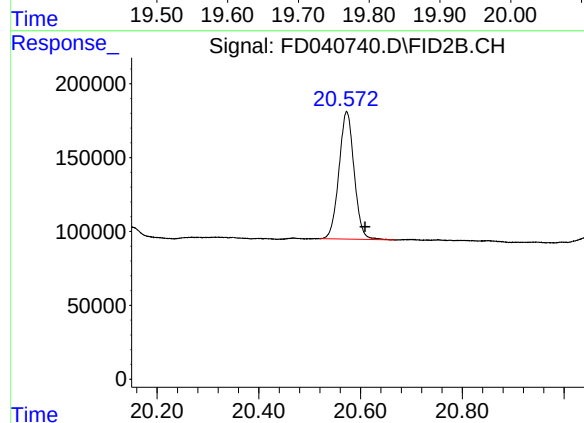
#20 n-Hexatriacontane (C36)

R.T.: 19.081 min
Delta R.T.: -0.025 min
Response: 2097492
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.779 min
Delta R.T.: -0.027 min
Response: 1871890
Conc: 20.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.573 min
Delta R.T.: -0.036 min
Response: 1788704
Conc: 20.93 ug/ml