

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073019AL\
 Data File : FD029863.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jul 2019 8:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 11:43:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:45:46 2019
 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)	11.575	2868928	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.000	2329643	19.617 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.375	2584883	20.442 ug/ml
2) T n-Decane (C10)	4.438	2631774	20.489 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2969519	20.287 ug/ml
4) T n-Dodecane (C12)	6.447	2644433	20.645 ug/ml
5) T A~2-methylnaphthalene...	7.068	2990288	20.319 ug/ml
6) T n-Tetradecane (C14)	8.232	2684796	20.838 ug/ml
7) T n-Hexadecane (C16)	9.825	2690781	20.655 ug/ml
8) T n-Octadecane (C18)	11.258	2694073	20.309 ug/ml
10) T n-Eicosane (C20)	12.558	2682724	19.887 ug/ml
11) T n-Heneicosane (C21)	13.167	2656436	19.676 ug/ml
13) T n-Docosane (C22)	13.749	2639887	19.454 ug/ml
14) T n-Tetracosane (C24)	14.844	2579912	18.931 ug/ml
15) T n-Hexacosane (C26)	15.857	2484532	18.409 ug/ml
16) T n-Octacosane (C28)	16.799	2395183	17.968 ug/ml
17) T n-Tricontane (C30)	17.678	2266568	17.802 ug/ml
18) T n-Dotriacontane (C32)	18.503	2053297	17.916 ug/ml
19) T n-Tetratriacontane (C34)	19.279	1722263	18.515 ug/ml
20) T n-Hexatriacontane (C36)	20.012	1549712	19.455 ug/ml
21) T n-Octatriacontane (C38)	20.729	1434907	20.381 ug/ml
22) T n-Tetracontane (C40)	21.605	1482907	18.924 ug/ml

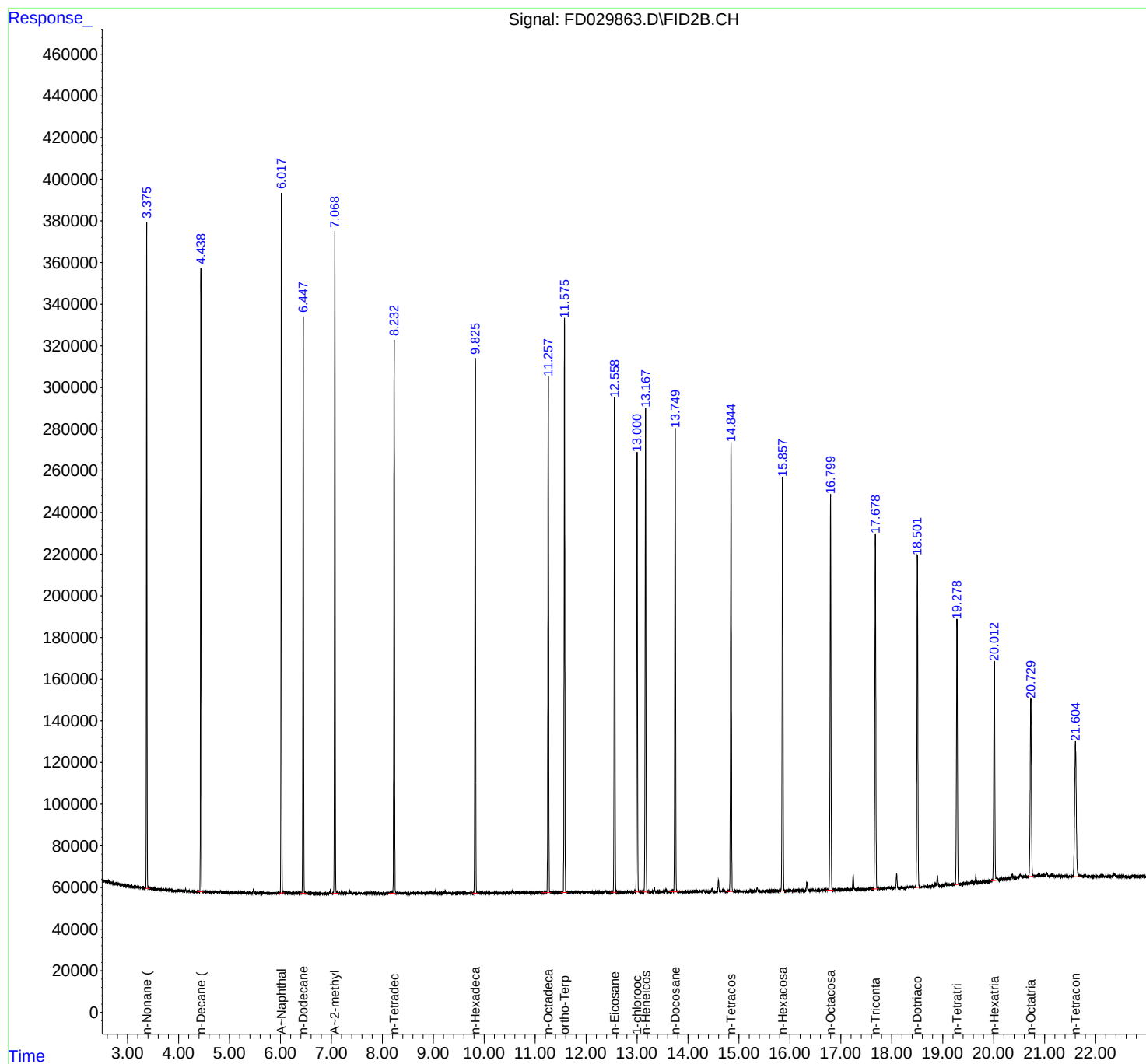
(f)=RT Delta > 1/2 Window

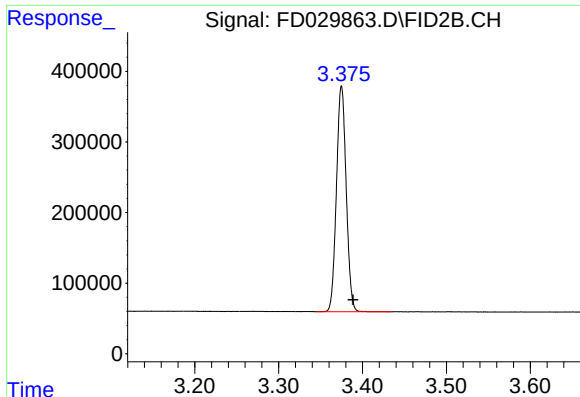
(m)=manual int.

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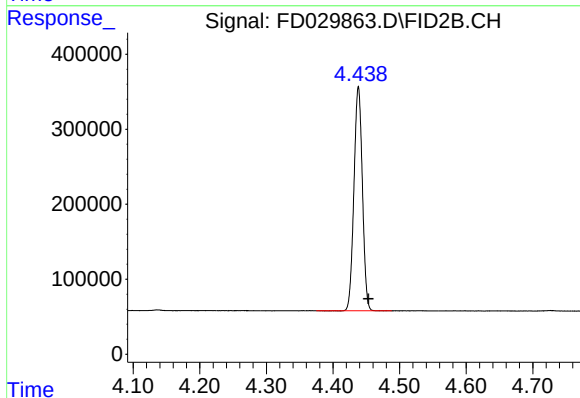
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Signal Info : 20M x 0.18mm x 0.18um





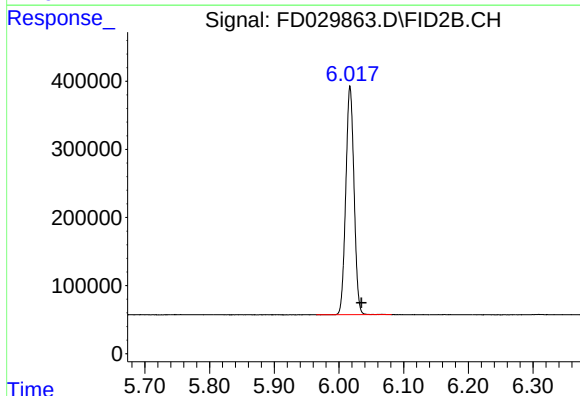
#1 n-Nonane (C9)

R.T.: 3.375 min
Delta R.T.: -0.014 min
Response: 2584883
Conc: 20.44 ug/ml



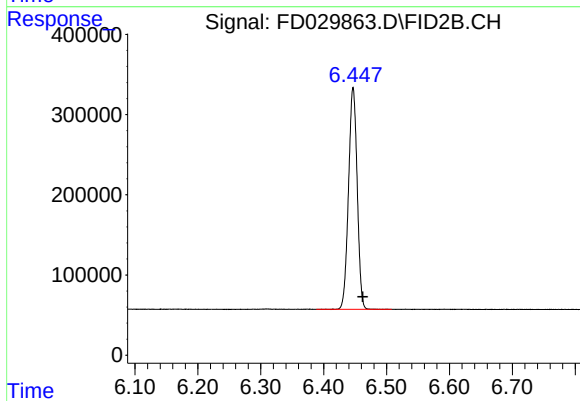
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.015 min
Response: 2631774
Conc: 20.49 ug/ml



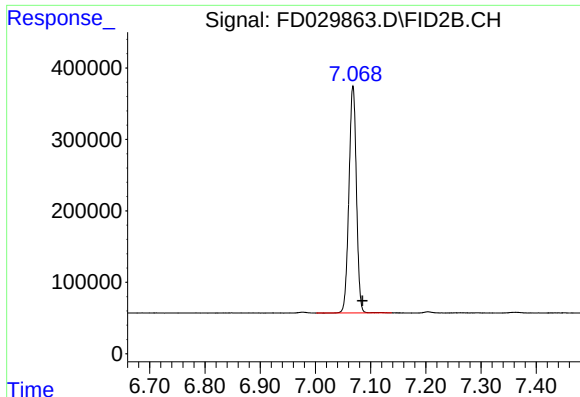
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.018 min
Response: 2969519
Conc: 20.29 ug/ml



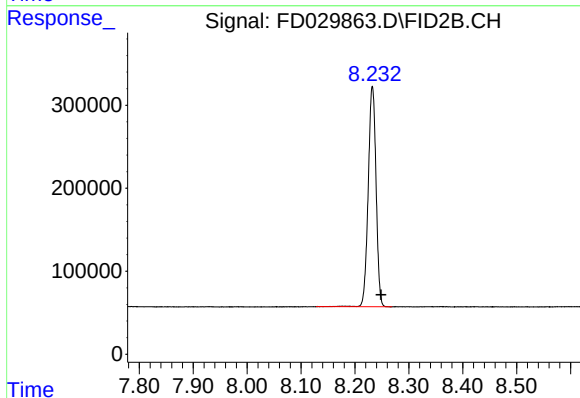
#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.015 min
Response: 2644433
Conc: 20.65 ug/ml



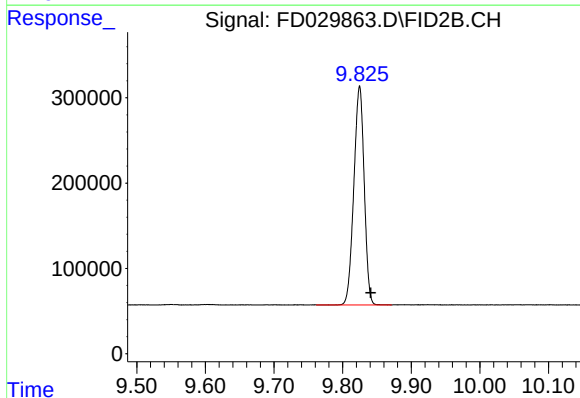
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.017 min
Response: 2990288
Conc: 20.32 ug/ml



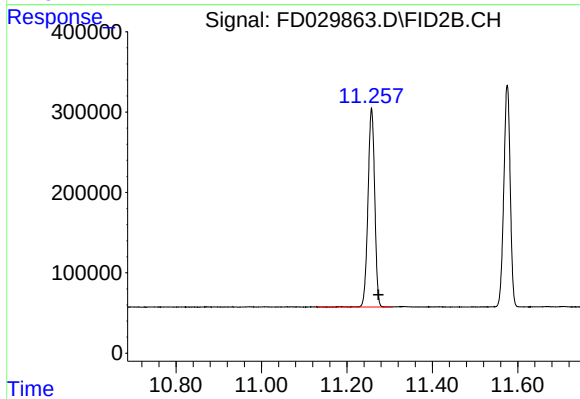
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.016 min
Response: 2684796
Conc: 20.84 ug/ml



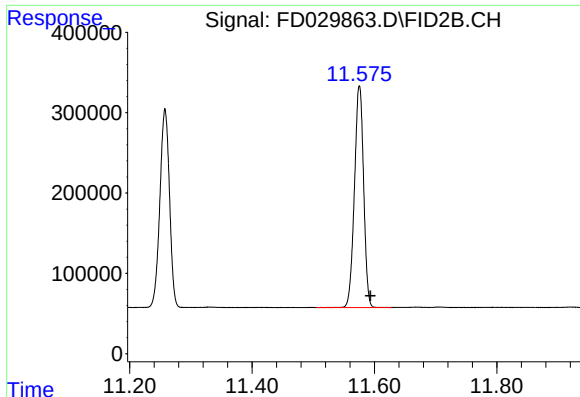
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: -0.016 min
Response: 2690781
Conc: 20.65 ug/ml



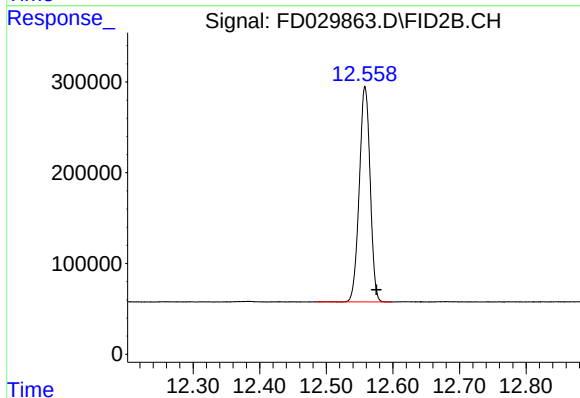
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.016 min
Response: 2694073
Conc: 20.31 ug/ml



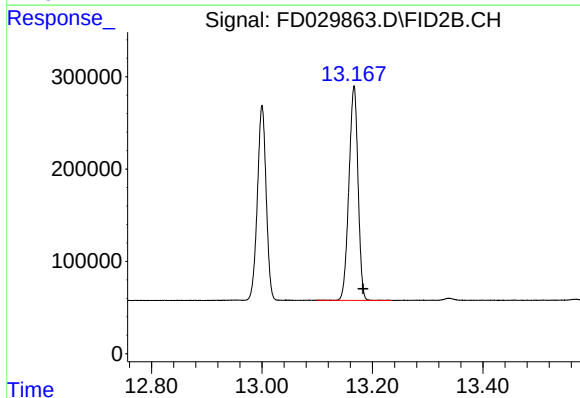
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.018 min
Response: 2868928
Conc: 19.81 ug/ml



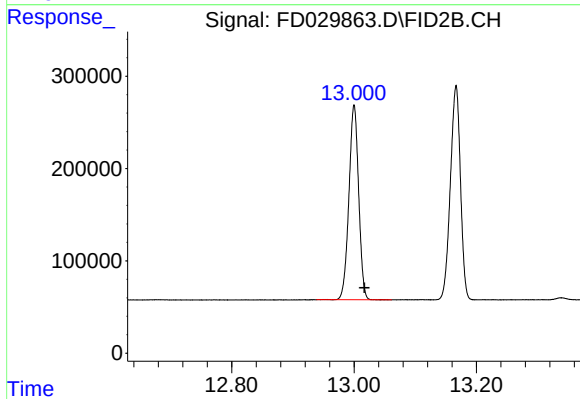
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.017 min
Response: 2682724
Conc: 19.89 ug/ml



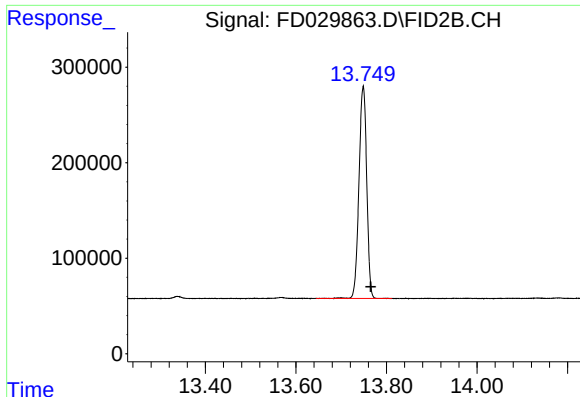
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.017 min
Response: 2656436
Conc: 19.68 ug/ml



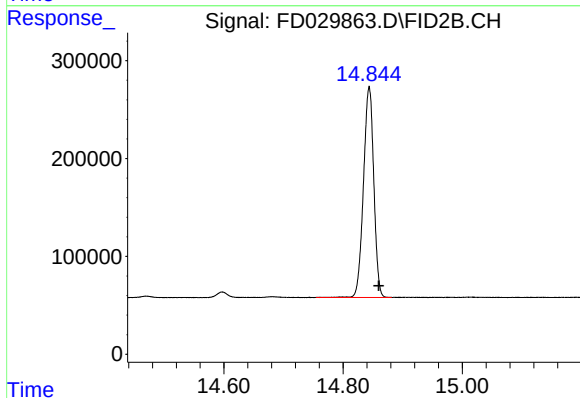
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.017 min
Response: 2329643
Conc: 19.62 ug/ml



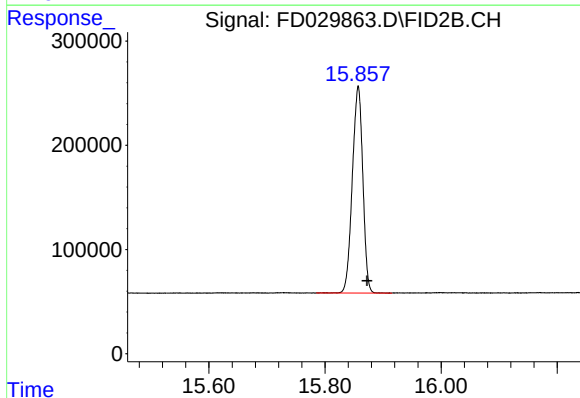
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.017 min
Response: 2639887
Conc: 19.45 ug/ml



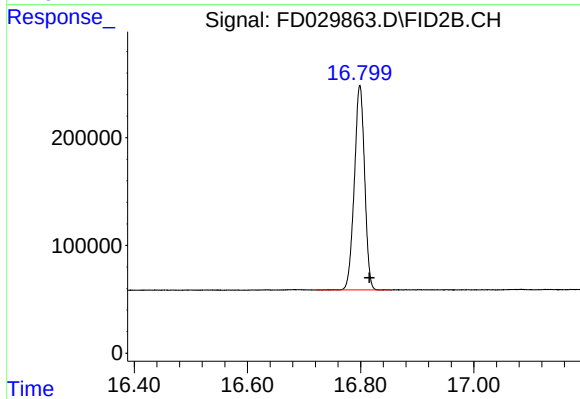
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.016 min
Response: 2579912
Conc: 18.93 ug/ml



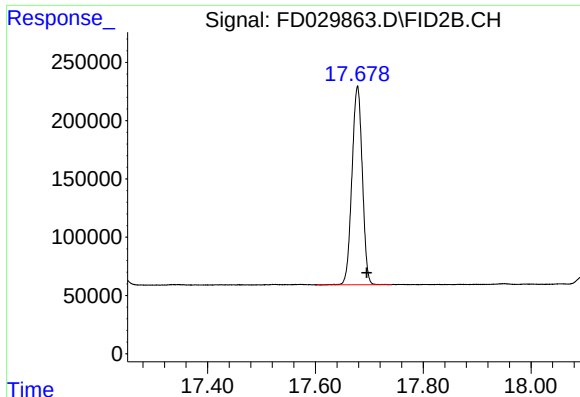
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.015 min
Response: 2484532
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.017 min
Response: 2395183
Conc: 17.97 ug/ml



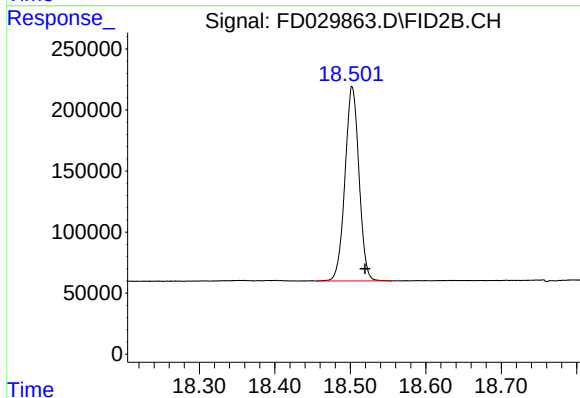
#17 n-Tricontane (C30)

R.T.: 17.678 min

Delta R.T.: -0.017 min

Response: 2266568

Conc: 17.80 ug/ml



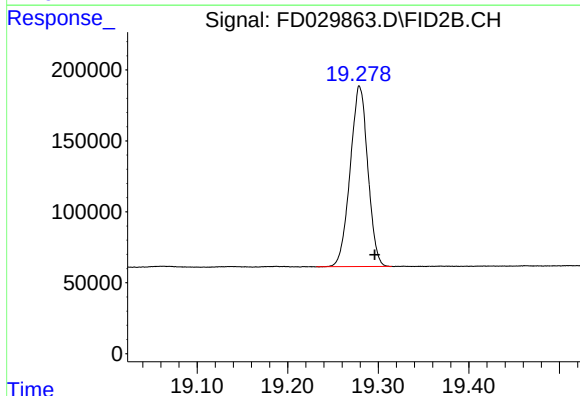
#18 n-Dotriacontane (C32)

R.T.: 18.503 min

Delta R.T.: -0.017 min

Response: 2053297

Conc: 17.92 ug/ml



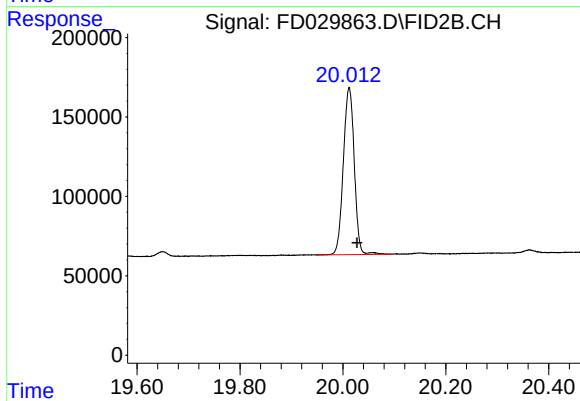
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min

Delta R.T.: -0.017 min

Response: 1722263

Conc: 18.51 ug/ml



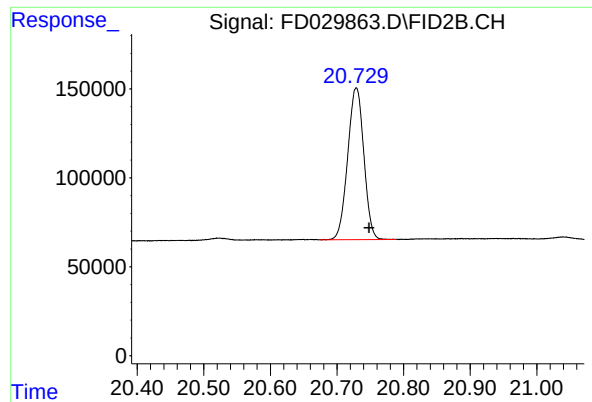
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min

Delta R.T.: -0.016 min

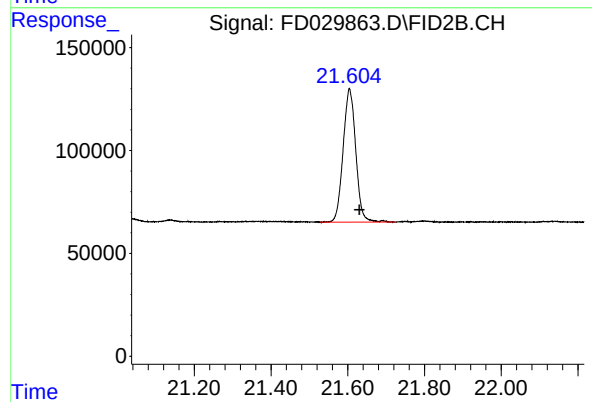
Response: 1549712

Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.019 min
Response: 1434907
Conc: 20.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.025 min
Response: 1482907
Conc: 18.92 ug/ml