

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082319AL\
 Data File : FD030241.D
 Signal(s) : FID2B.CH
 Acq On : 23 Aug 2019 12:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 11:28:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.549	2711324	19.725 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.975	2186904	19.174 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.348	2673377	22.339 ug/ml
2) T n-Decane (C10)	4.410	2770344	22.780 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3065849	22.269 ug/ml
4) T n-Dodecane (C12)	6.420	2770674	22.722 ug/ml
5) T A~2-methylnaphthalene...	7.041	3063803	22.153 ug/ml
6) T n-Tetradecane (C14)	8.206	2769592	22.454 ug/ml
7) T n-Hexadecane (C16)	9.799	2742691	21.965 ug/ml
8) T n-Octadecane (C18)	11.232	2677140	20.940 ug/ml
10) T n-Eicosane (C20)	12.533	2597853	20.010 ug/ml
11) T n-Heneicosane (C21)	13.142	2523435	19.430 ug/ml
13) T n-Docosane (C22)	13.724	2493562	19.097 ug/ml
14) T n-Tetracosane (C24)	14.819	2441026	18.598 ug/ml
15) T n-Hexacosane (C26)	15.832	2454152	19.028 ug/ml
16) T n-Octacosane (C28)	16.775	2513040	19.806 ug/ml
17) T n-Tricontane (C30)	17.655	2502691	20.652 ug/ml
18) T n-Dotriacontane (C32)	18.481	2343262	20.898 ug/ml
19) T n-Tetratriacontane (C34)	19.257	1936271	21.838 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1699847	22.872 ug/ml
21) T n-Octatriacontane (C38)	20.704	1578690	23.717 ug/ml
22) T n-Tetracontane (C40)	21.572	1542771	21.841 ug/ml

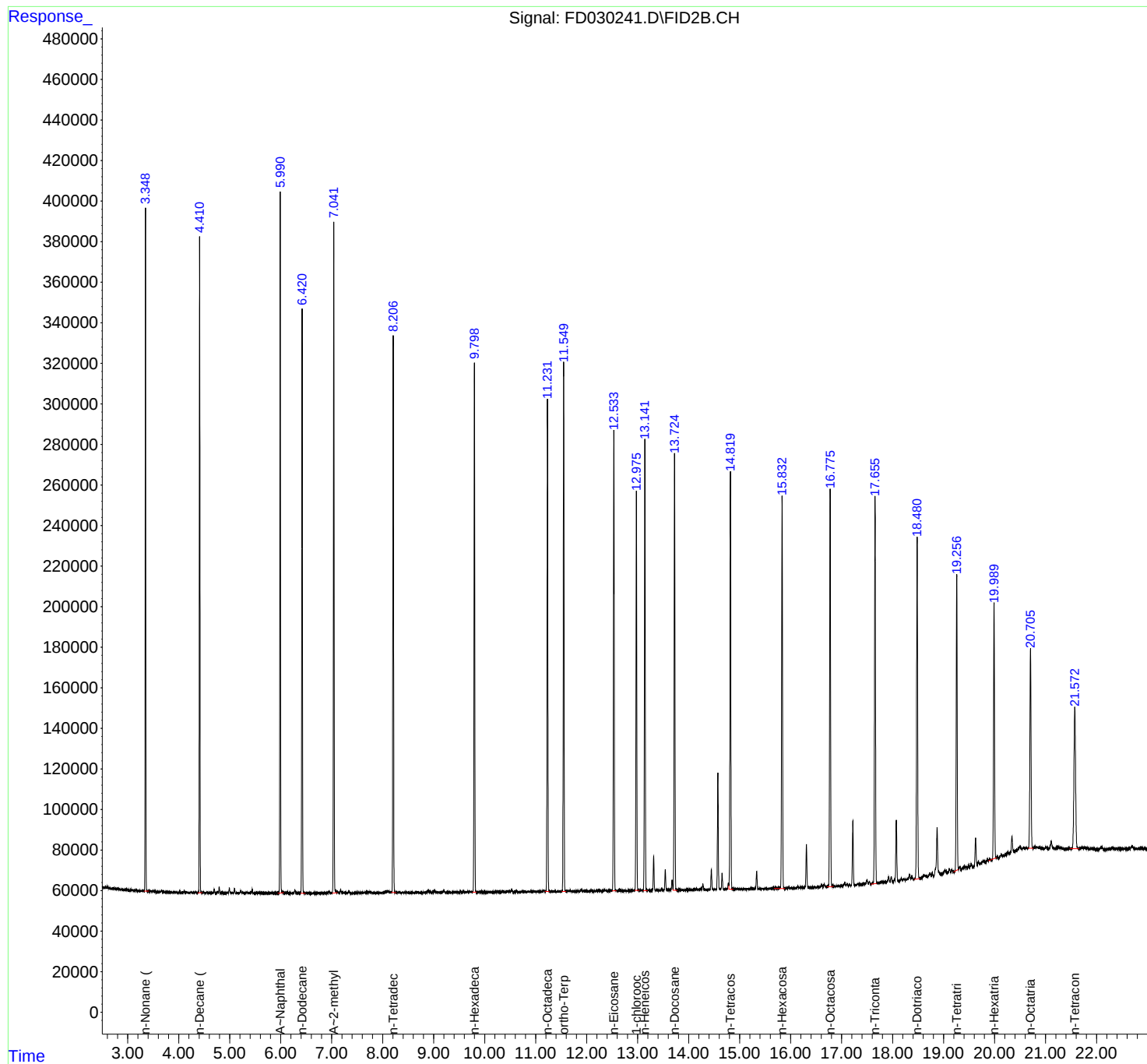
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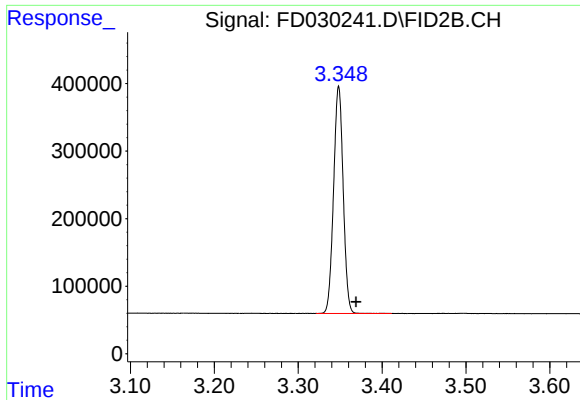
(m)=manual int.

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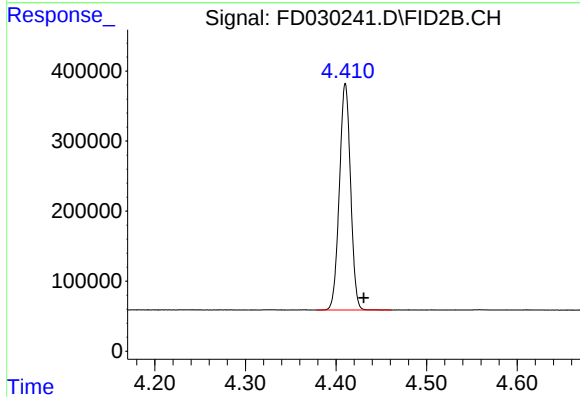
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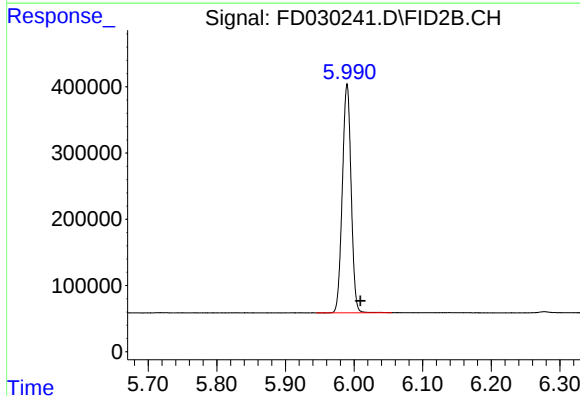
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.021 min
Response: 2673377
Conc: 22.34 ug/ml



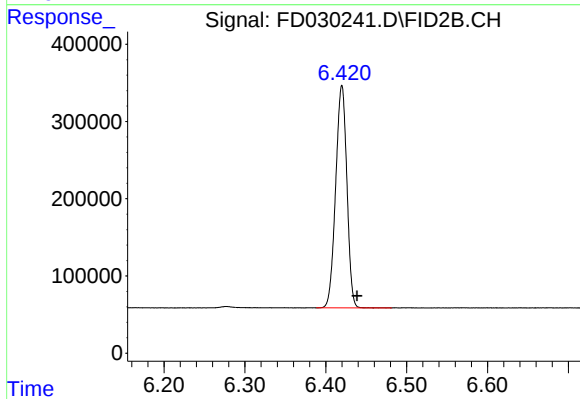
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: -0.020 min
Response: 2770344
Conc: 22.78 ug/ml



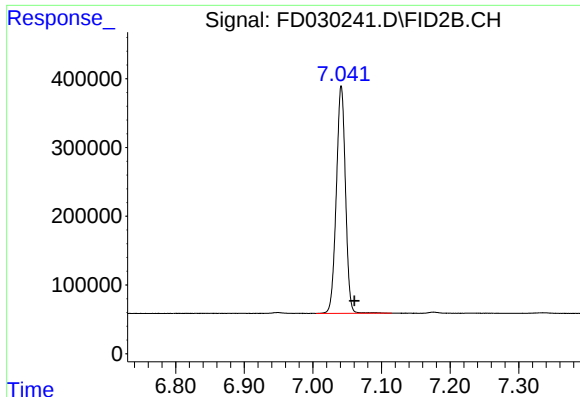
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.020 min
Response: 3065849
Conc: 22.27 ug/ml



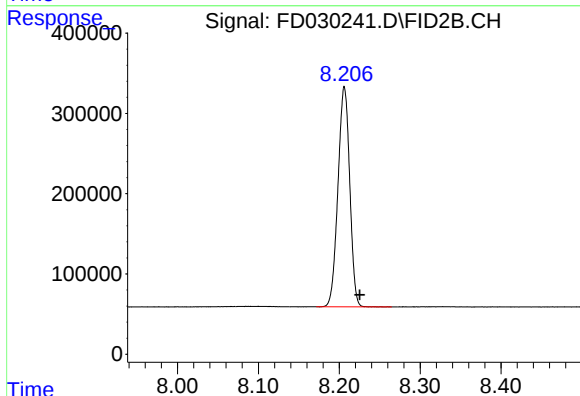
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: -0.019 min
Response: 2770674
Conc: 22.72 ug/ml



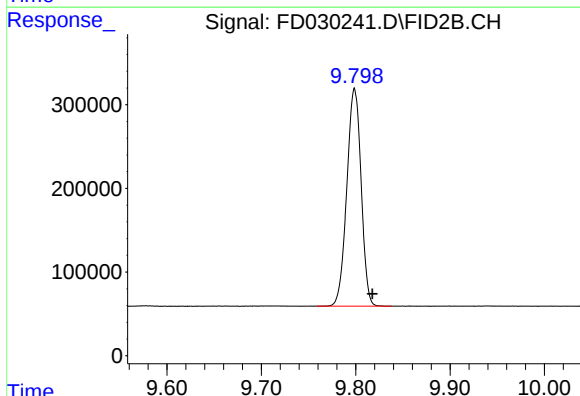
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.019 min
Response: 3063803
Conc: 22.15 ug/ml



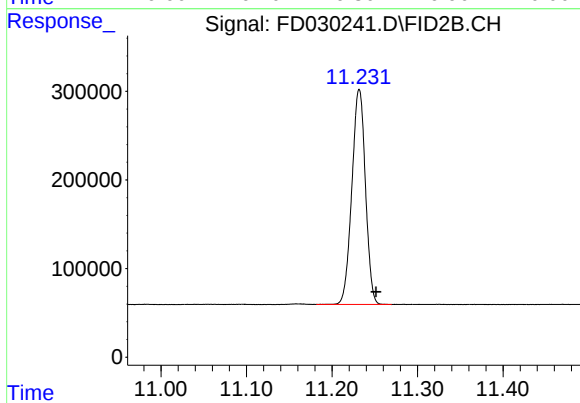
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.019 min
Response: 2769592
Conc: 22.45 ug/ml



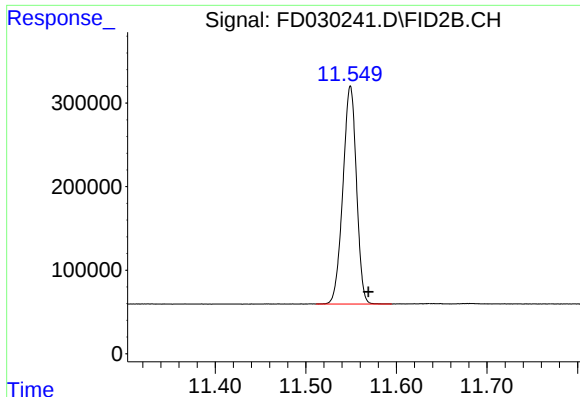
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.019 min
Response: 2742691
Conc: 21.97 ug/ml



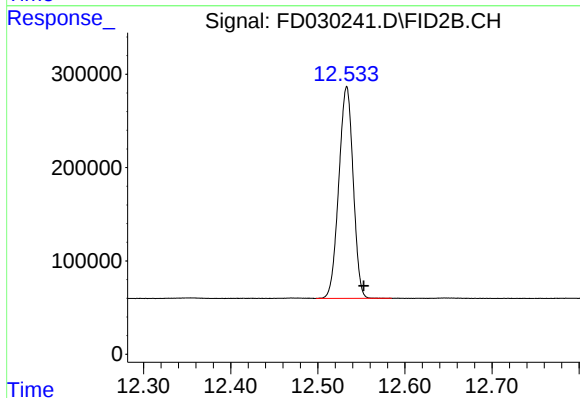
#8 n-Octadecane (C18)

R.T.: 11.232 min
Delta R.T.: -0.020 min
Response: 2677140
Conc: 20.94 ug/ml



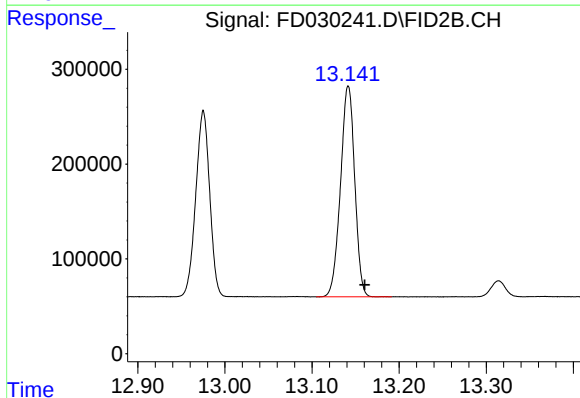
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: -0.020 min
Response: 2711324
Conc: 19.73 ug/ml



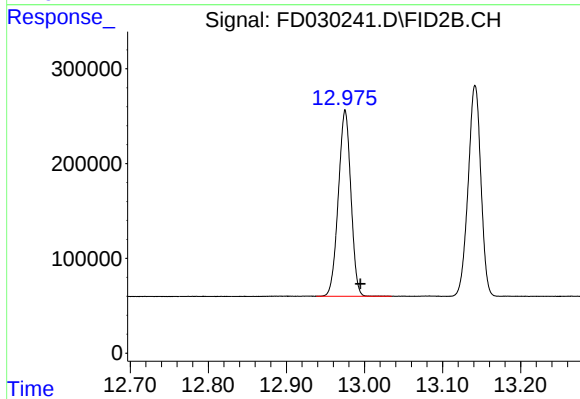
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.020 min
Response: 2597853
Conc: 20.01 ug/ml



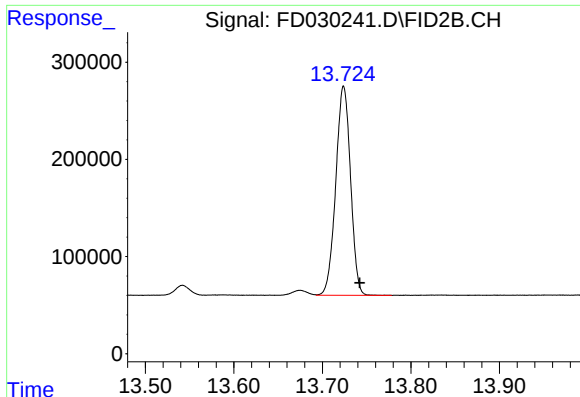
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.019 min
Response: 2523435
Conc: 19.43 ug/ml



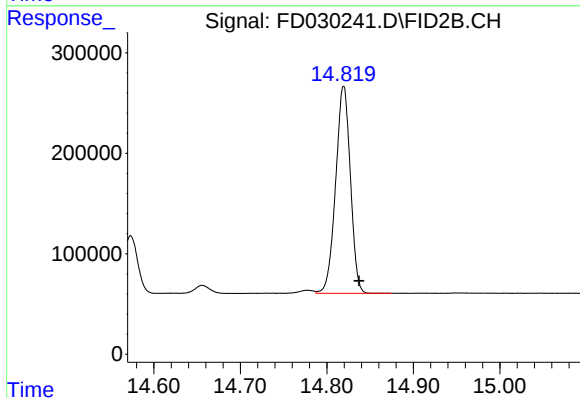
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.020 min
Response: 2186904
Conc: 19.17 ug/ml



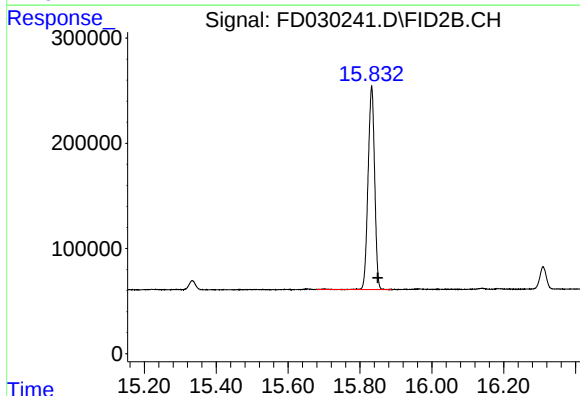
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.018 min
Response: 2493562
Conc: 19.10 ug/ml



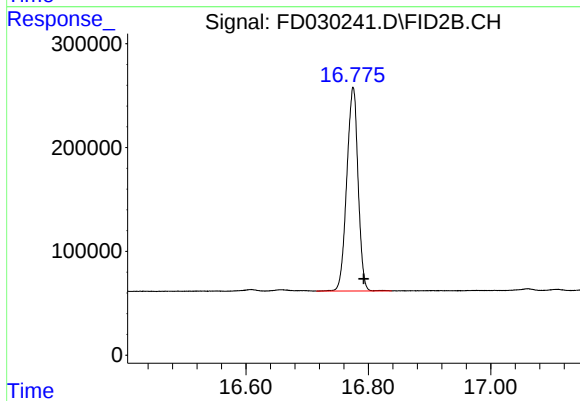
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.018 min
Response: 2441026
Conc: 18.60 ug/ml



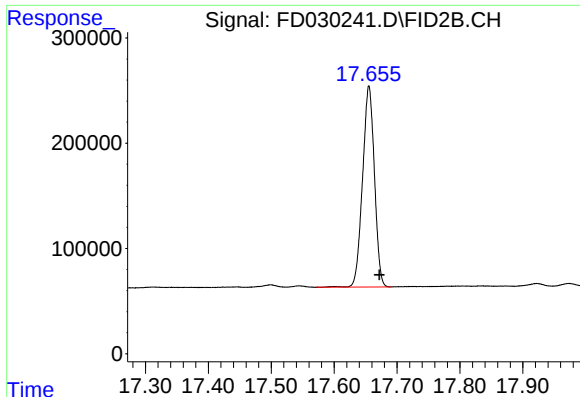
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.018 min
Response: 2454152
Conc: 19.03 ug/ml



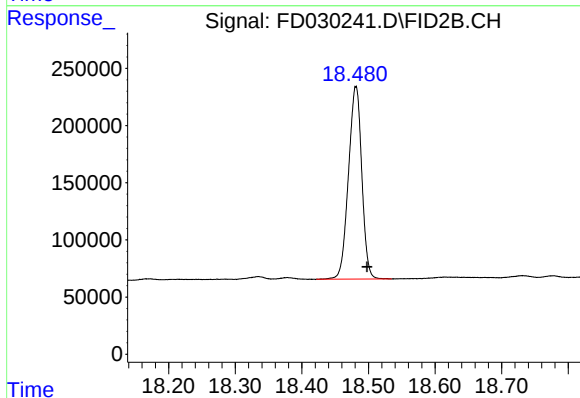
#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.018 min
Response: 2513040
Conc: 19.81 ug/ml



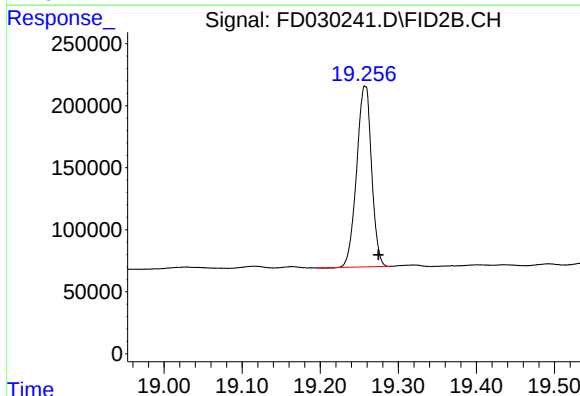
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: -0.017 min
Response: 2502691
Conc: 20.65 ug/ml



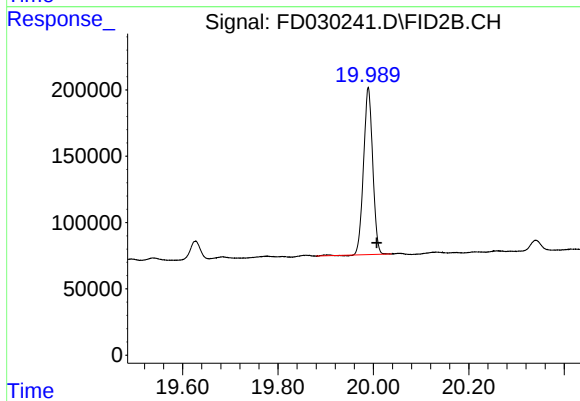
#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: -0.017 min
Response: 2343262
Conc: 20.90 ug/ml



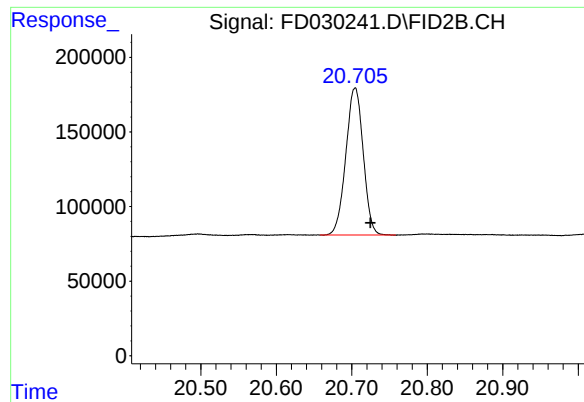
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.018 min
Response: 1936271
Conc: 21.84 ug/ml



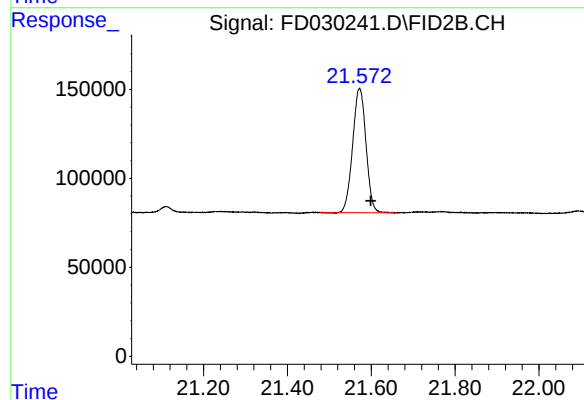
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: -0.018 min
Response: 1699847
Conc: 22.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.020 min
Response: 1578690
Conc: 23.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.027 min
Response: 1542771
Conc: 21.84 ug/ml