

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039875.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2021 10:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 12:31:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 11:55:55 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)	11.451	2724146	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	12.882	2141165	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.257	2397545	19.984 ug/mlm
2) T n-Decane (C10)	4.317	2429236	20.148 ug/ml
3) T A~Naphthalene (C11.7)	5.895	2676157	20.714 ug/ml
4) T n-Dodecane (C12)	6.324	2425764	20.142 ug/ml
5) T A~2-methylnaphthalene...	6.944	2692885	20.884 ug/ml
6) T n-Tetradecane (C14)	8.108	2453002	20.238 ug/ml
7) T n-Hexadecane (C16)	9.702	2487708	20.330 ug/ml
8) T n-Octadecane (C18)	11.136	2577329	20.185 ug/ml
10) T n-Eicosane (C20)	12.439	2568808	20.012 ug/ml
11) T n-Heneicosane (C21)	13.049	2586801	19.745 ug/ml
13) T n-Docosane (C22)	13.632	2598295	19.868 ug/ml
14) T n-Tetracosane (C24)	14.728	2680705	20.043 ug/ml
15) T n-Hexacosane (C26)	15.743	2598460	19.769 ug/ml
16) T n-Octacosane (C28)	16.688	2559838	19.746 ug/ml
17) T n-Tricontane (C30)	17.572	2507441	20.228 ug/ml
18) T n-Dotriacontane (C32)	18.398	2359021	20.555 ug/ml
19) T n-Tetratriacontane (C34)	19.177	2630186	24.674 ug/mlm
20) T n-Hexatriacontane (C36)	19.913	2053853	20.977 ug/mlm
21) T n-Octatriacontane (C38)	20.621	1935329	21.267 ug/mlm
22) T n-Tetracontane (C40)	21.463	1923510	24.149 ug/ml

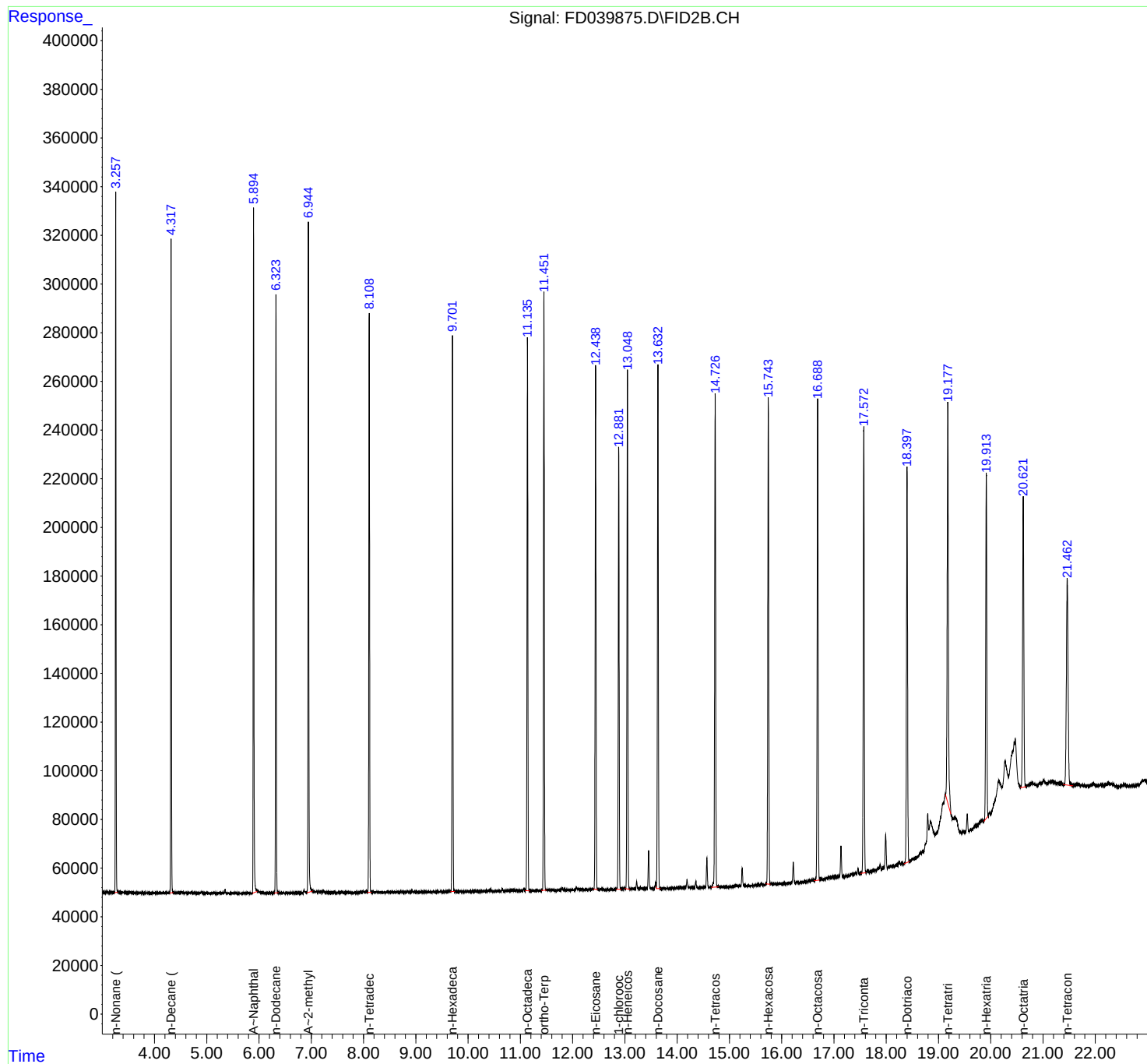
(f)=RT Delta > 1/2 Window

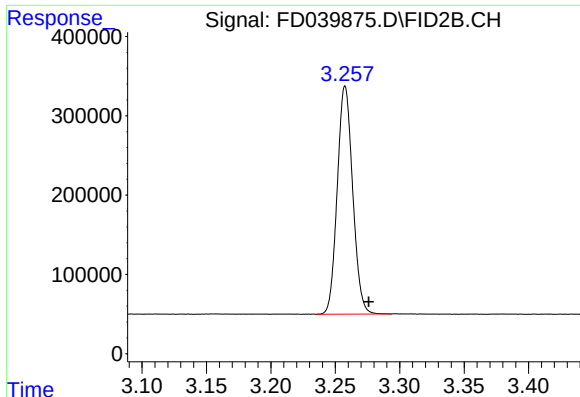
(m)=manual int.

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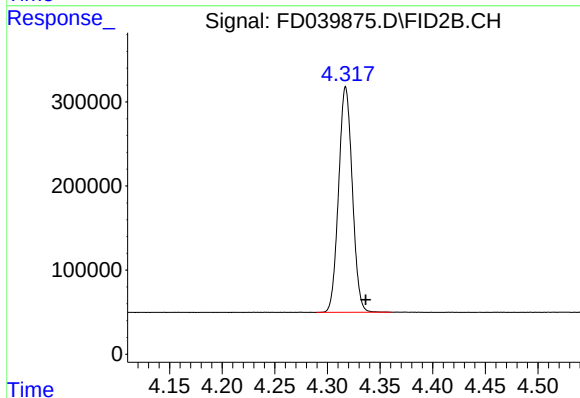
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Signal Info : 20M x 0.18mm x 0.18um





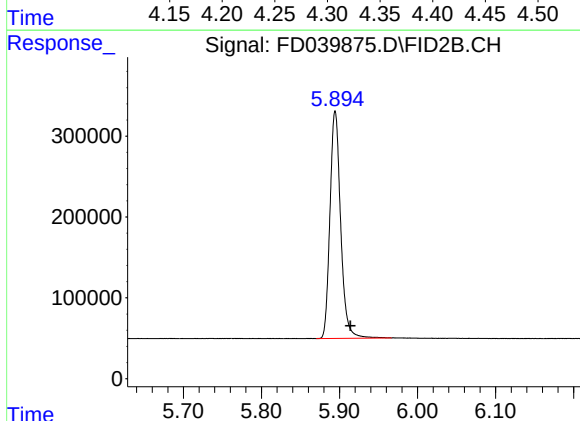
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.019 min
Response: 2397545
Conc: 19.98 ug/ml m



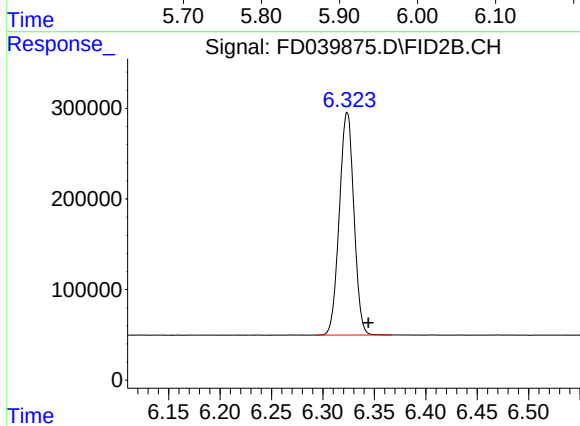
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.019 min
Response: 2429236
Conc: 20.15 ug/ml



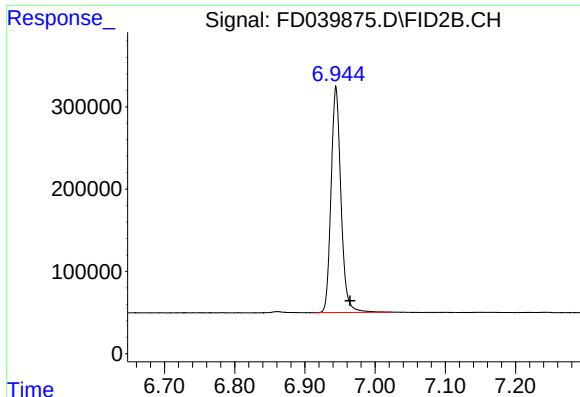
#3 A~Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.019 min
Response: 2676157
Conc: 20.71 ug/ml



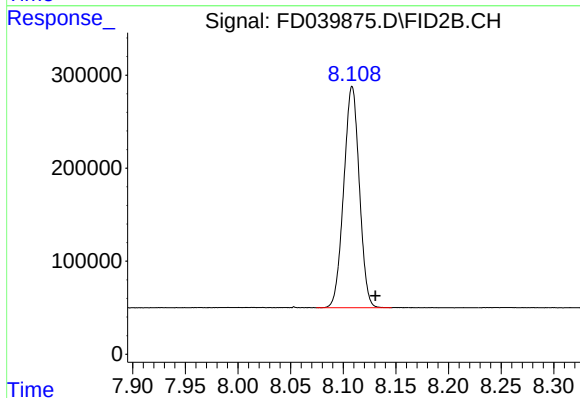
#4 n-Dodecane (C12)

R.T.: 6.324 min
Delta R.T.: -0.021 min
Response: 2425764
Conc: 20.14 ug/ml



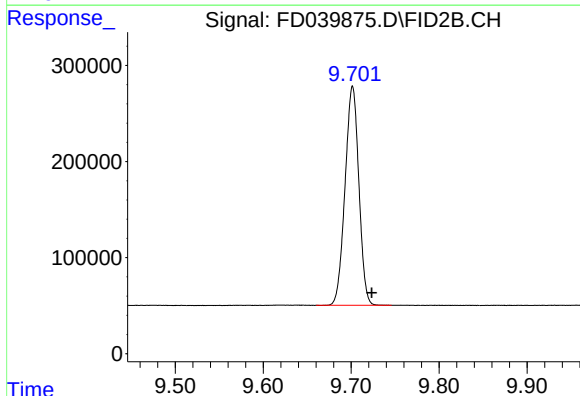
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.020 min
Response: 2692885
Conc: 20.88 ug/ml



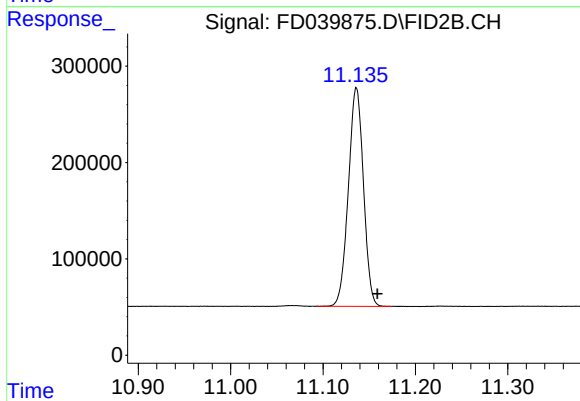
#6 n-Tetradecane (C14)

R.T.: 8.108 min
Delta R.T.: -0.022 min
Response: 2453002
Conc: 20.24 ug/ml



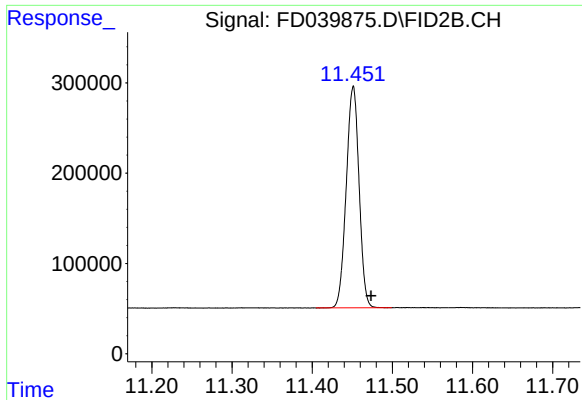
#7 n-Hexadecane (C16)

R.T.: 9.702 min
Delta R.T.: -0.022 min
Response: 2487708
Conc: 20.33 ug/ml



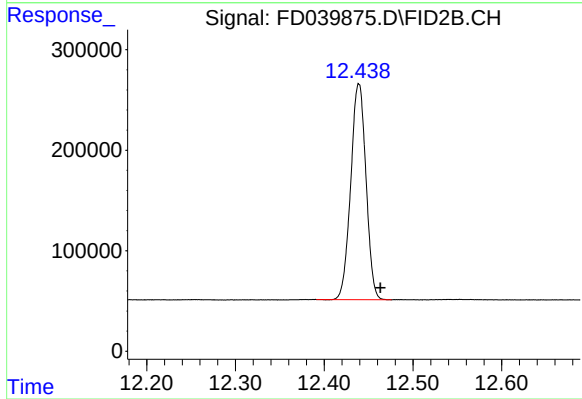
#8 n-Octadecane (C18)

R.T.: 11.136 min
Delta R.T.: -0.023 min
Response: 2577329
Conc: 20.19 ug/ml



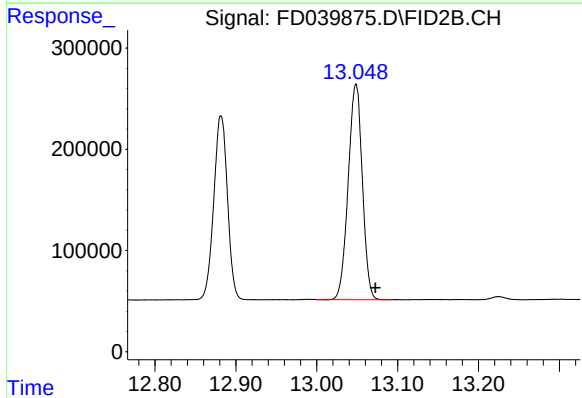
#9 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.022 min
Response: 2724146
Conc: 19.74 ug/ml



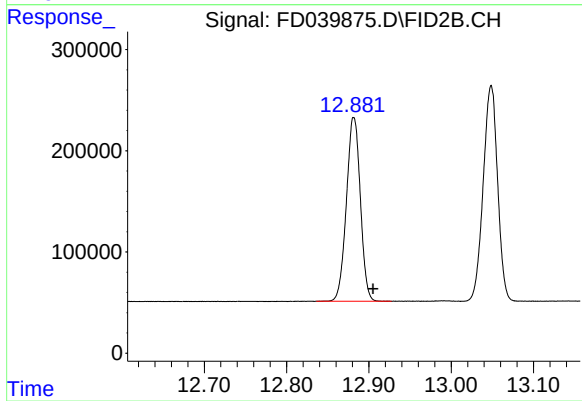
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: -0.024 min
Response: 2568808
Conc: 20.01 ug/ml



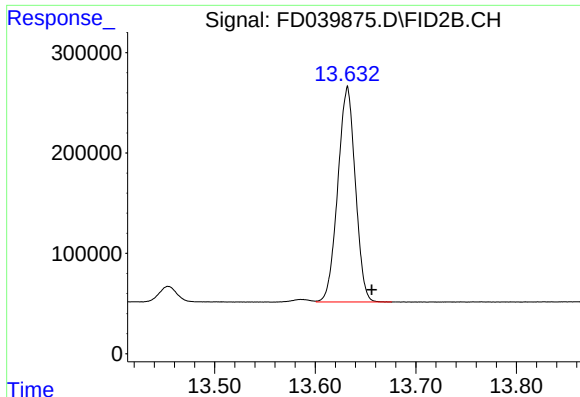
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: -0.024 min
Response: 2586801
Conc: 19.75 ug/ml



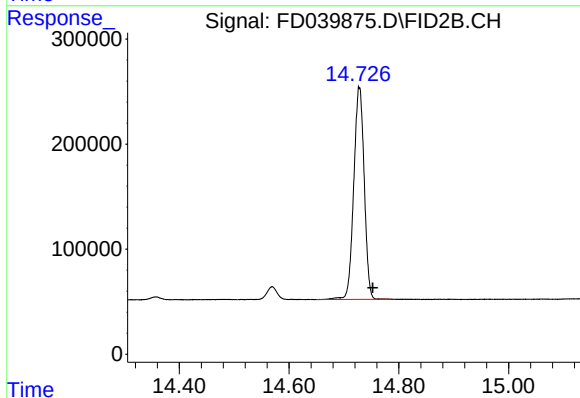
#12 1-chlorooctadecane (SURR)

R.T.: 12.882 min
Delta R.T.: -0.024 min
Response: 2141165
Conc: 19.92 ug/ml



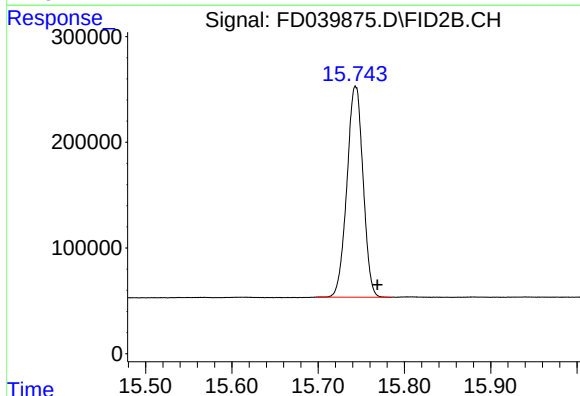
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: -0.024 min
Response: 2598295
Conc: 19.87 ug/ml



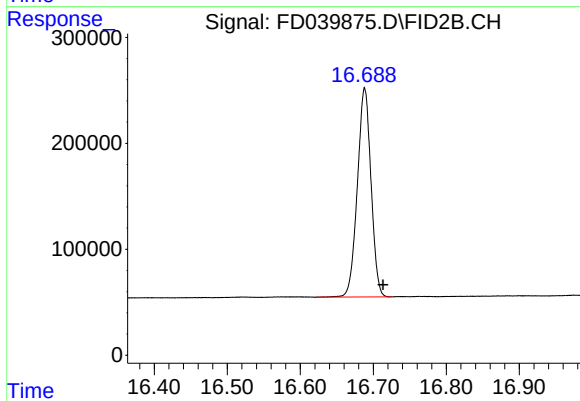
#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: -0.025 min
Response: 2680705
Conc: 20.04 ug/ml



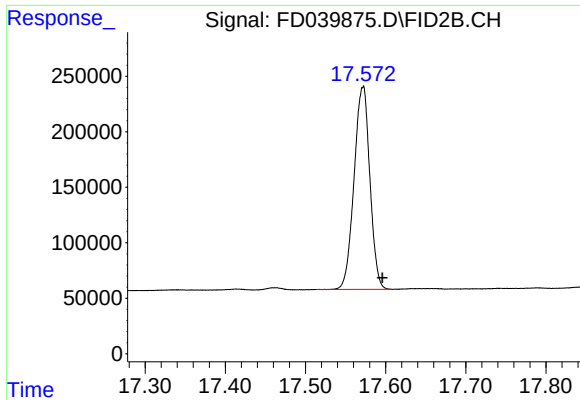
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.025 min
Response: 2598460
Conc: 19.77 ug/ml



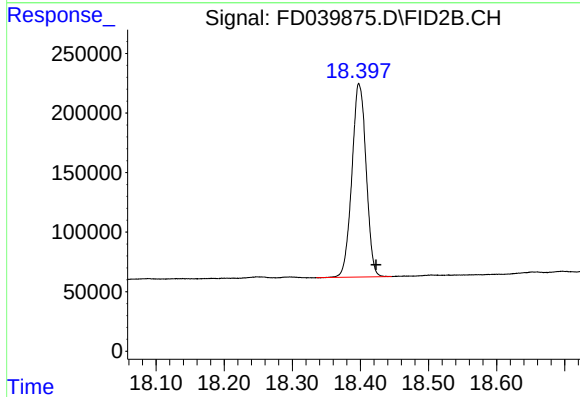
#16 n-Octacosane (C28)

R.T.: 16.688 min
Delta R.T.: -0.025 min
Response: 2559838
Conc: 19.75 ug/ml



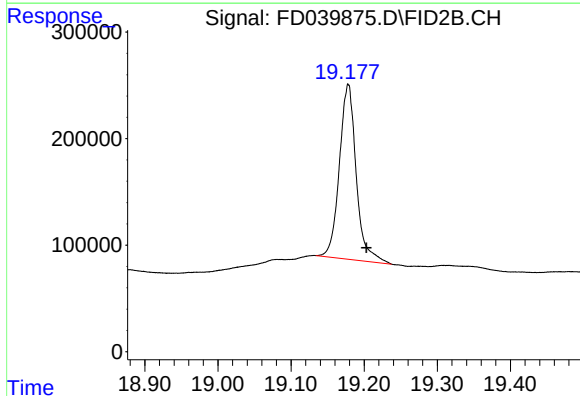
#17 n-Tricontane (C30)

R.T.: 17.572 min
Delta R.T.: -0.024 min
Response: 2507441
Conc: 20.23 ug/ml



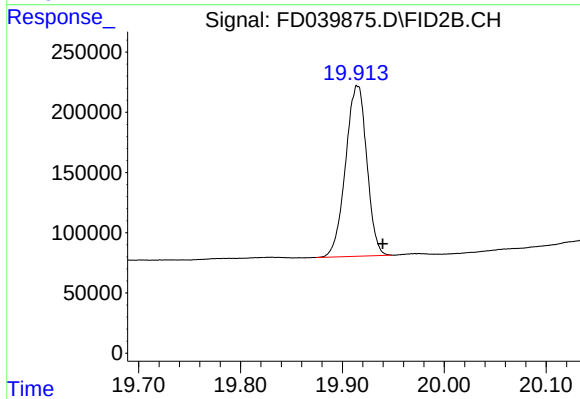
#18 n-Dotriacontane (C32)

R.T.: 18.398 min
Delta R.T.: -0.025 min
Response: 2359021
Conc: 20.55 ug/ml



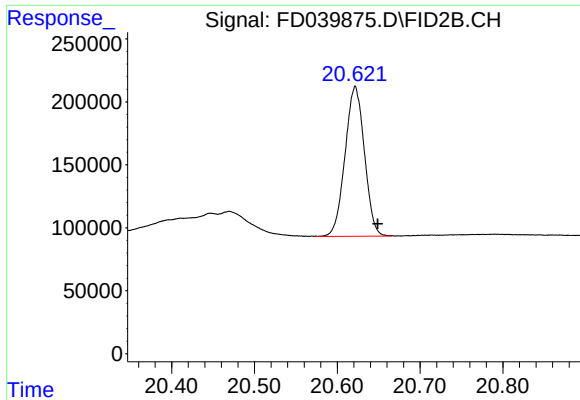
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.026 min
Response: 2630186
Conc: 24.67 ug/ml m



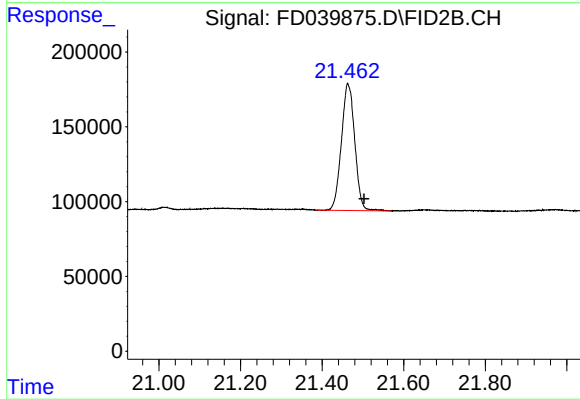
#20 n-Hexatriacontane (C36)

R.T.: 19.913 min
Delta R.T.: -0.026 min
Response: 2053853
Conc: 20.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.028 min
Response: 1935329
Conc: 21.27 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: -0.040 min
Response: 1923510
Conc: 24.15 ug/ml