

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120221AL\
 Data File : FD039675.D
 Signal(s) : FID2B.CH
 Acq On : 02 Dec 2021 15:07
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 00:23:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 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)	11.655	2335841	18.336 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	13.082	1813981	18.441 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.418	2131340	18.655 ug/ml
2) T n-Decane (C10)	4.485	2145853	18.658 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2381087	18.712 ug/ml
4) T n-Dodecane (C12)	6.500	2136613	18.554 ug/ml
5) T A~2-methylnaphthalene...	7.131	2381017	18.698 ug/ml
6) T n-Tetradecane (C14)	8.293	2134644	18.422 ug/ml
7) T n-Hexadecane (C16)	9.891	2129609	18.316 ug/ml
8) T n-Octadecane (C18)	11.331	2160540	18.183 ug/ml
10) T n-Eicosane (C20)	12.637	2146963	18.298 ug/ml
11) T n-Heneicosane (C21)	13.248	2161074	18.372 ug/ml
13) T n-Docosane (C22)	13.833	2148922	18.526 ug/ml
14) T n-Tetracosane (C24)	14.932	2170427	18.599 ug/ml
15) T n-Hexacosane (C26)	15.951	2187605	19.742 ug/ml
16) T n-Octacosane (C28)	16.897	2566766	23.927 ug/ml
17) T n-Tricontane (C30)	17.782	2718703	25.505 ug/ml
18) T n-Dotriacontane (C32)	18.611	2211899	21.237 ug/ml
19) T n-Tetratriacontane (C34)	19.392	1943898	19.344 ug/ml
20) T n-Hexatriacontane (C36)	20.128	1867600	19.409 ug/ml
21) T n-Octatriacontane (C38)	20.867	1782633	18.994 ug/ml
22) T n-Tetracontane (C40)	21.785	1685104	17.479 ug/ml

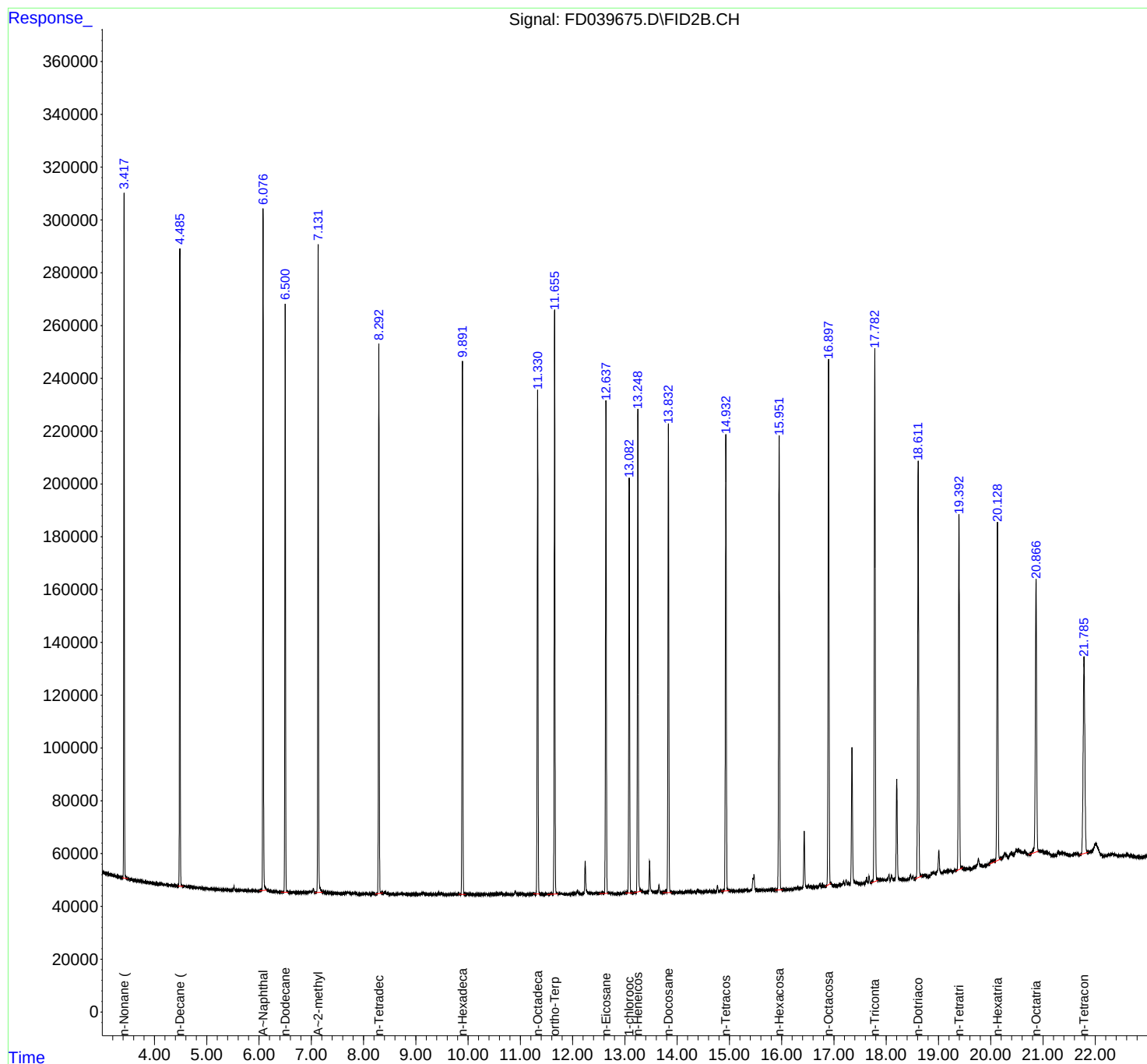
(f)=RT Delta > 1/2 Window

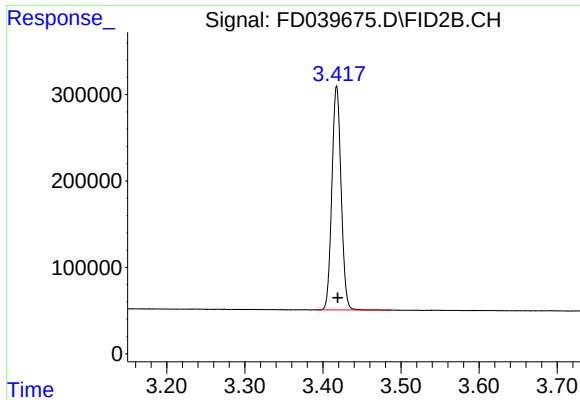
(m)=manual int.

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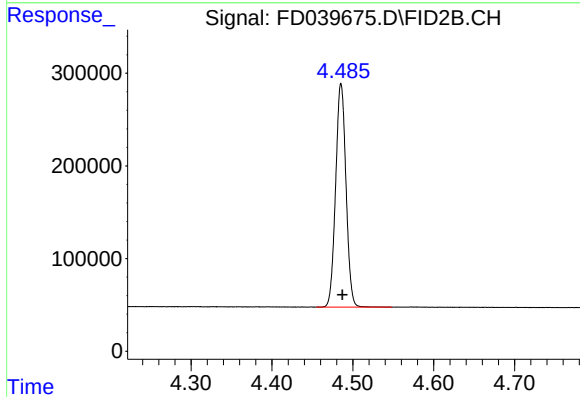
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Signal Info : 20M x 0.18mm x 0.18um





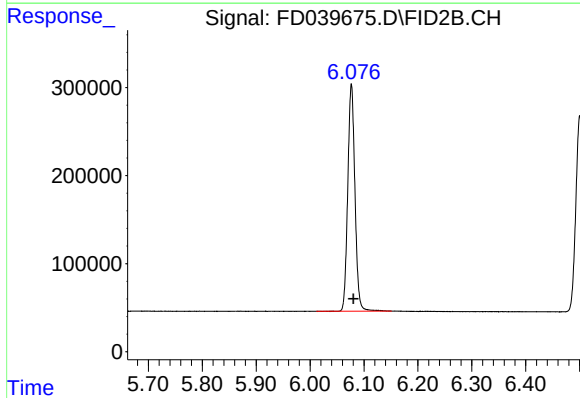
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.001 min
Response: 2131340
Conc: 18.65 ug/ml



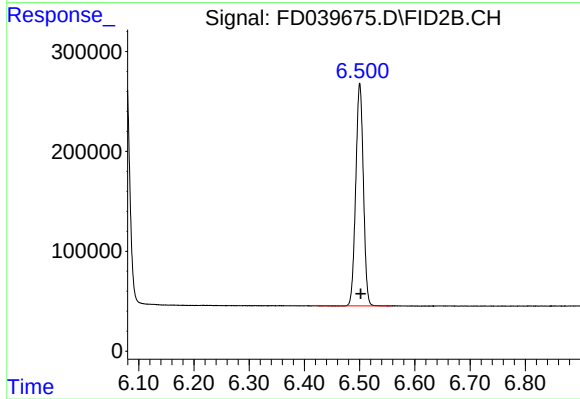
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 2145853
Conc: 18.66 ug/ml



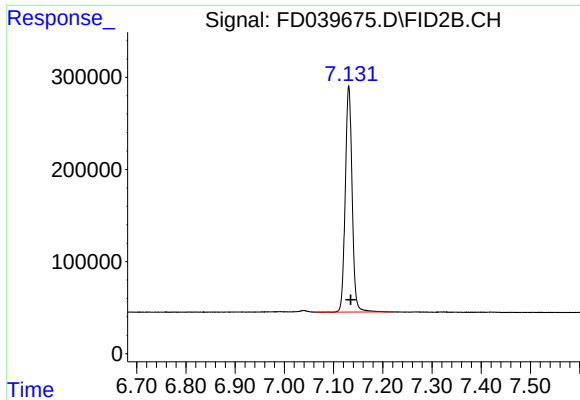
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 2381087
Conc: 18.71 ug/ml



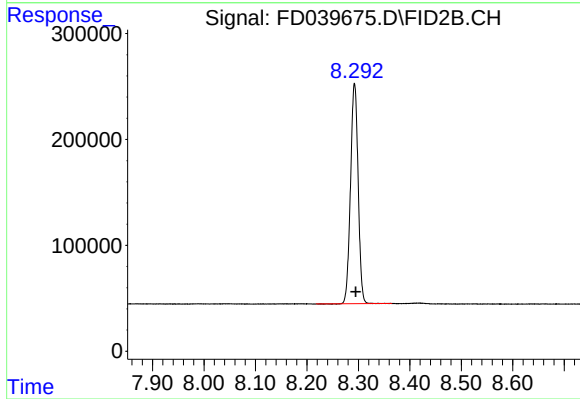
#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 2136613
Conc: 18.55 ug/ml



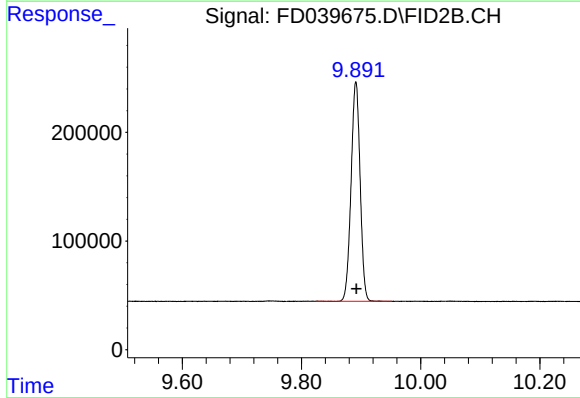
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 2381017
Conc: 18.70 ug/ml



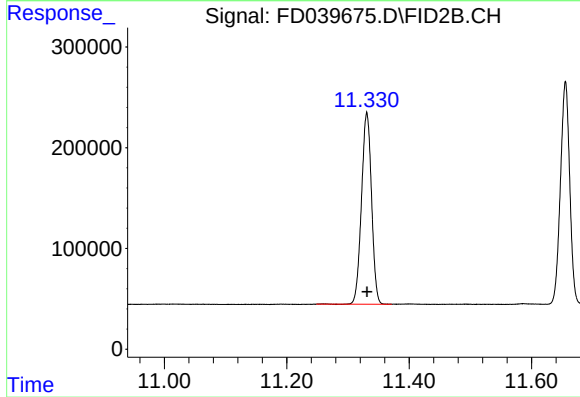
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.002 min
Response: 2134644
Conc: 18.42 ug/ml



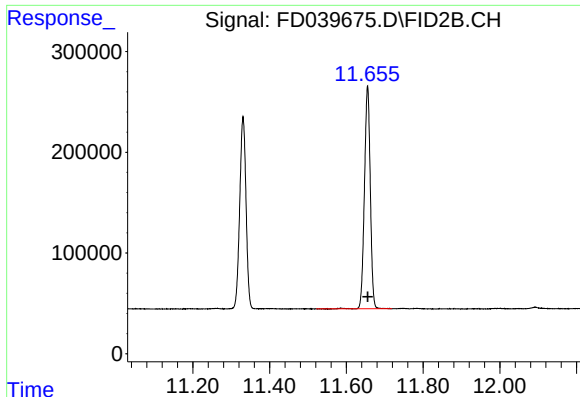
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 2129609
Conc: 18.32 ug/ml



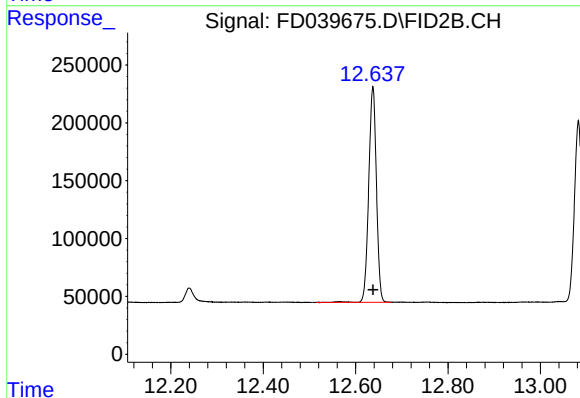
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 2160540
Conc: 18.18 ug/ml



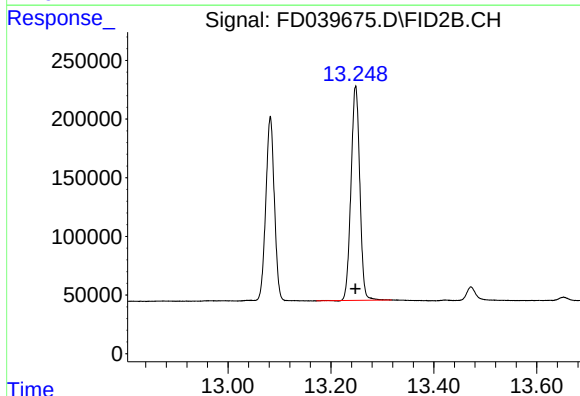
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 2335841
Conc: 18.34 ug/ml



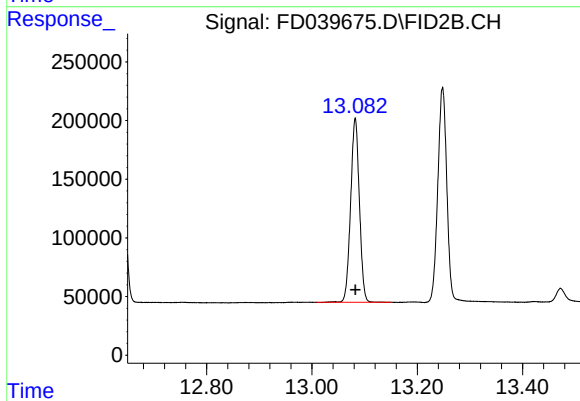
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.000 min
Response: 2146963
Conc: 18.30 ug/ml



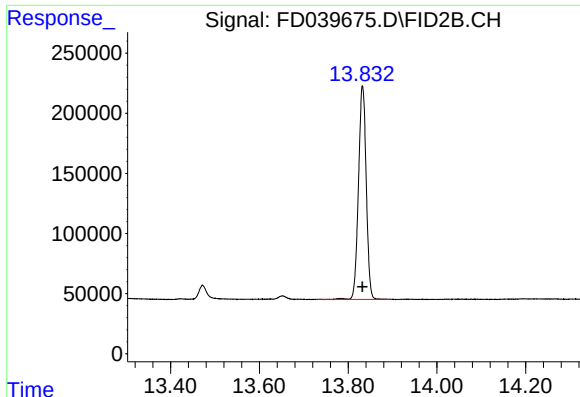
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.000 min
Response: 2161074
Conc: 18.37 ug/ml



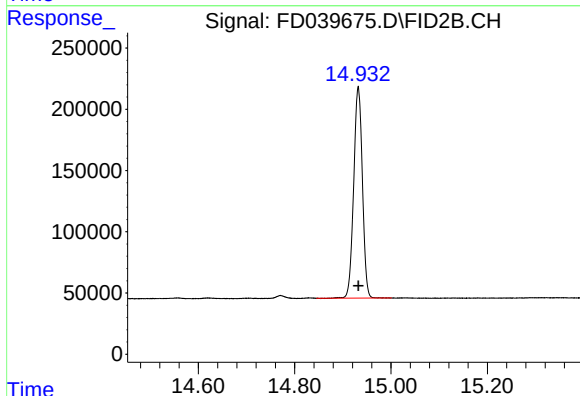
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: 0.000 min
Response: 1813981
Conc: 18.44 ug/ml



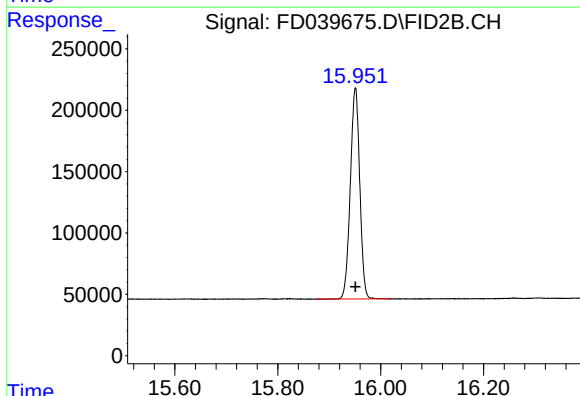
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 2148922
Conc: 18.53 ug/ml



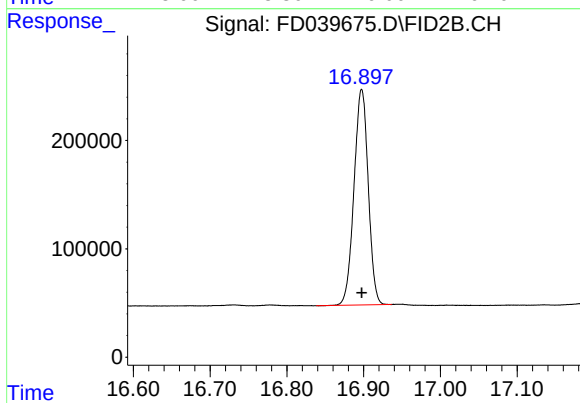
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: 0.000 min
Response: 2170427
Conc: 18.60 ug/ml



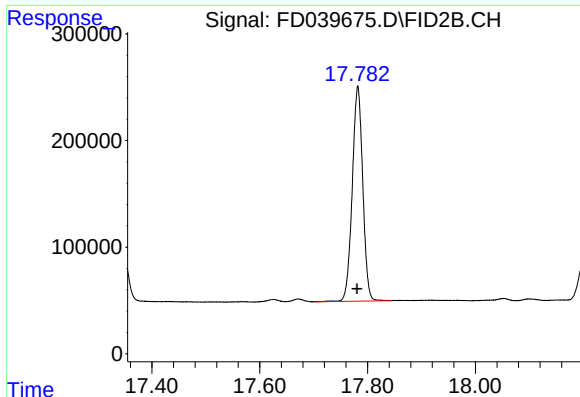
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: 0.000 min
Response: 2187605
Conc: 19.74 ug/ml



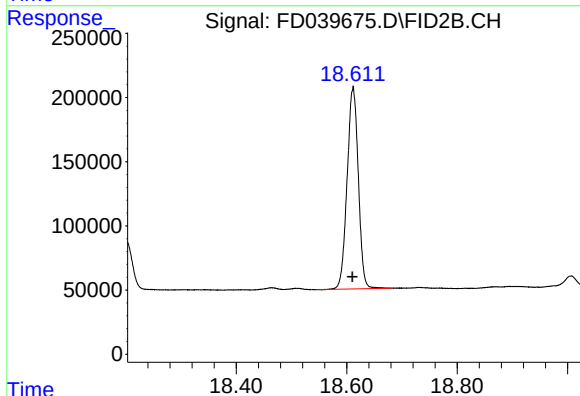
#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: 0.000 min
Response: 2566766
Conc: 23.93 ug/ml



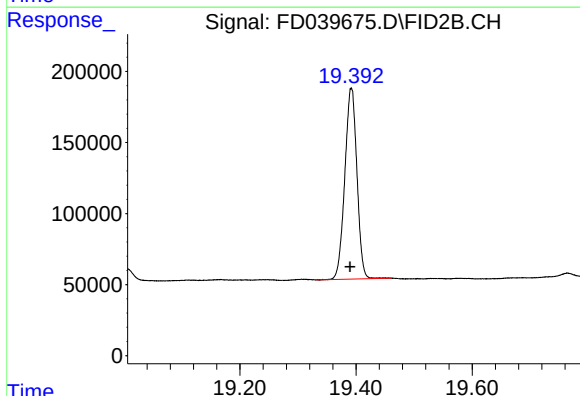
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: 0.000 min
Response: 2718703
Conc: 25.50 ug/ml



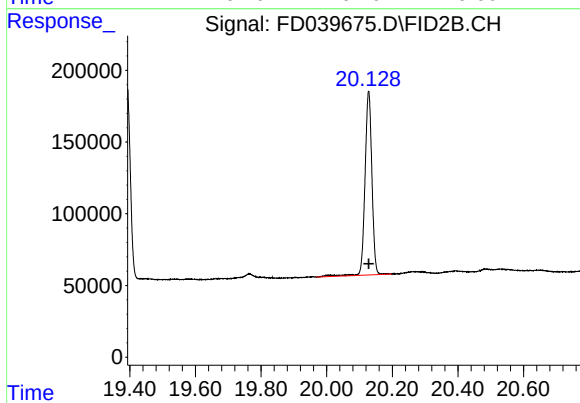
#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: 0.001 min
Response: 2211899
Conc: 21.24 ug/ml



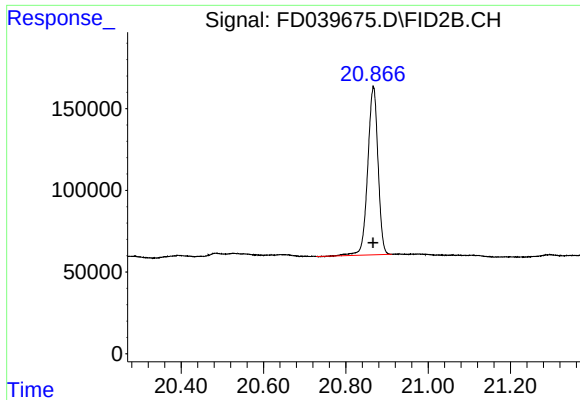
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: 0.002 min
Response: 1943898
Conc: 19.34 ug/ml



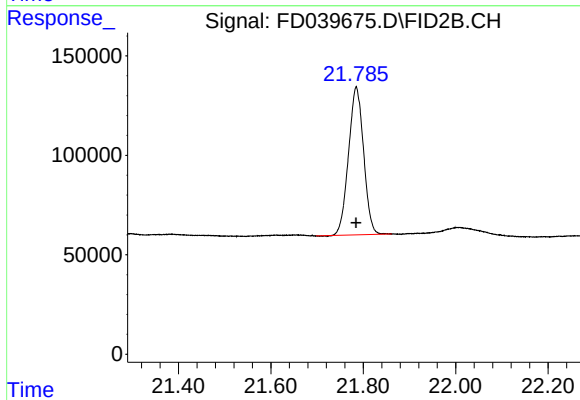
#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: 0.000 min
Response: 1867600
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: 0.000 min
Response: 1782633
Conc: 18.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.785 min
Delta R.T.: 0.000 min
Response: 1685104
Conc: 17.48 ug/ml