

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121121AL\
 Data File : FD039830.D
 Signal(s) : FID2B.CH
 Acq On : 12 Dec 2021 5:01
 Operator : AJ\MA
 Sample : M5017-45MS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 01:19:14 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)	11.464	4788291	34.692 ug/ml
Spiked Amount 50.000		Recovery =	69.38%
12) S 1-chlorooctadecane (S...	12.894	3731423	34.713 ug/ml
Spiked Amount 50.000		Recovery =	69.43%
Target Compounds			
1) T n-Nonane (C9)	3.271	4050243	33.760 ug/ml
2) T n-Decane (C10)	4.329	4613158	38.262 ug/ml
3) T A~Naphthalene (C11.7)	5.904	5487903	42.477 ug/ml
4) T n-Dodecane (C12)	6.334	5029793	41.765 ug/ml
5) T A~2-methylnaphthalene...	6.955	5574728	43.234 ug/ml
6) T n-Tetradecane (C14)	8.122	5357491	44.200 ug/ml
7) T n-Hexadecane (C16)	9.714	5826998	47.620 ug/ml
8) T n-Octadecane (C18)	11.150	6341951	49.669 ug/ml
10) T n-Eicosane (C20)	12.454	6408123	49.923 ug/ml
11) T n-Heneicosane (C21)	13.062	6403861	48.881 ug/ml
13) T n-Docosane (C22)	13.646	6434943	49.204 ug/ml
14) T n-Tetracosane (C24)	14.743	5631559	42.106 ug/ml
15) T n-Hexacosane (C26)	15.760	6473730	49.253 ug/ml
16) T n-Octacosane (C28)	16.704	6390138	49.292 ug/ml
17) T n-Tricontane (C30)	17.587	6197250	49.995 ug/ml
18) T n-Dotriacontane (C32)	18.413	5780837	50.370 ug/ml
19) T n-Tetratriacontane (C34)	19.193	5314900	49.860 ug/ml
20) T n-Hexatriacontane (C36)	19.927	4614715	47.133 ug/ml
21) T n-Octatriacontane (C38)	20.635	4170612	45.831 ug/mlm
22) T n-Tetracontane (C40)	21.484	4021588	50.489 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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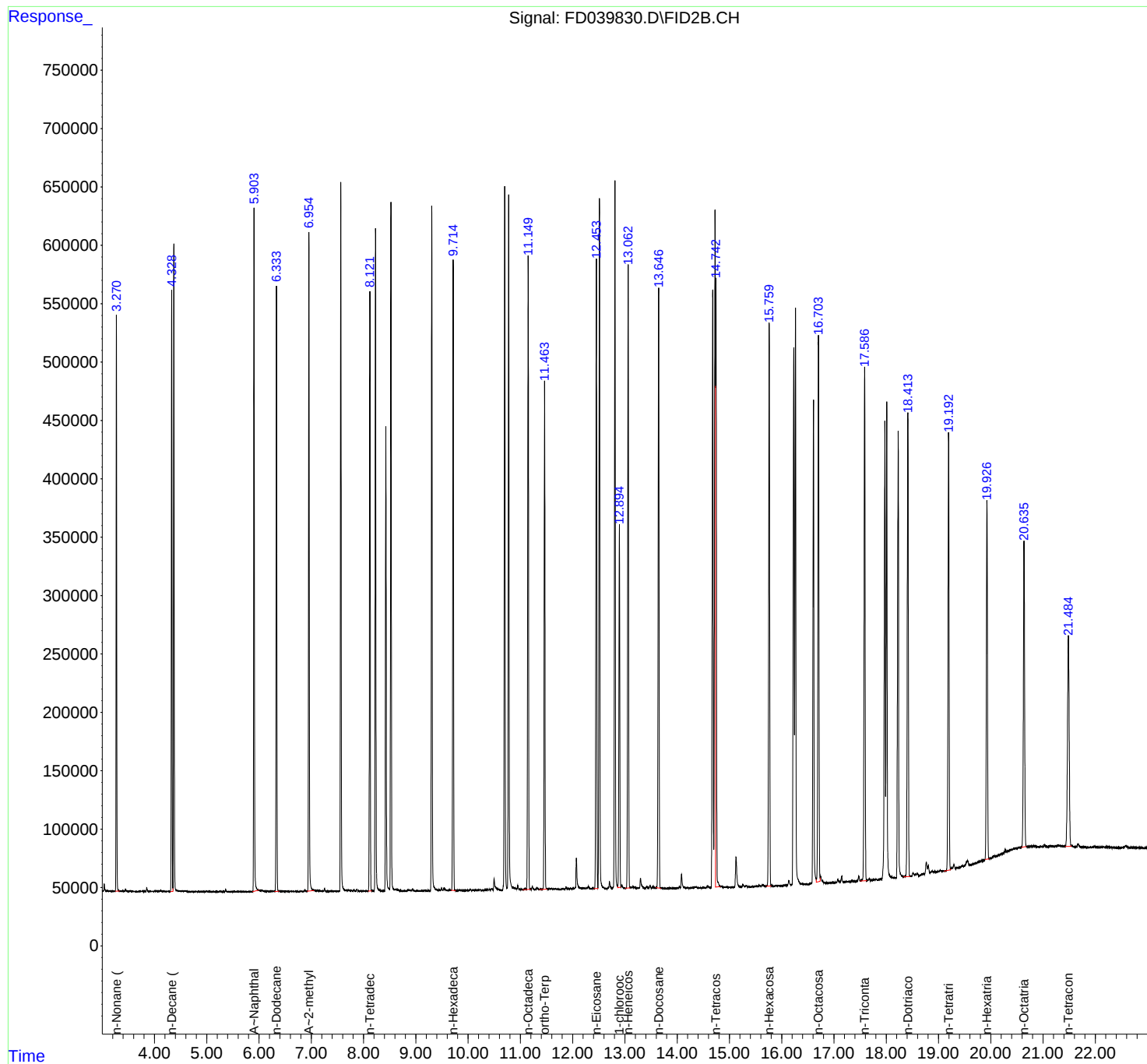
Response via : Initial Calibration

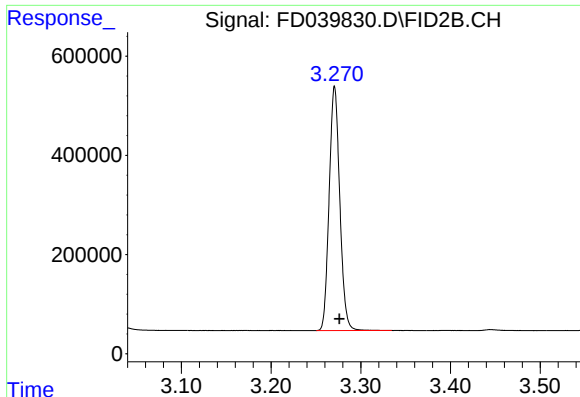
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

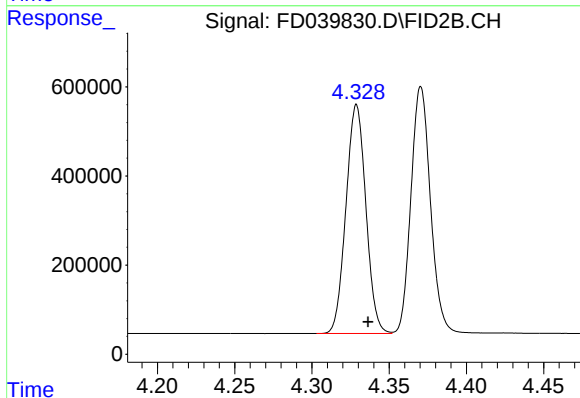
Signal Info : 20M x 0.18mm x 0.18um





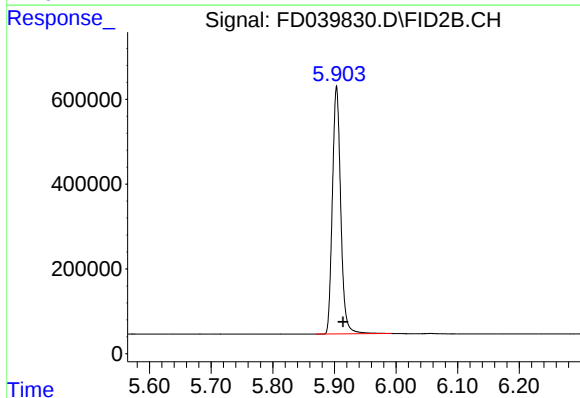
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.005 min
Response: 4050243
Conc: 33.76 ug/ml



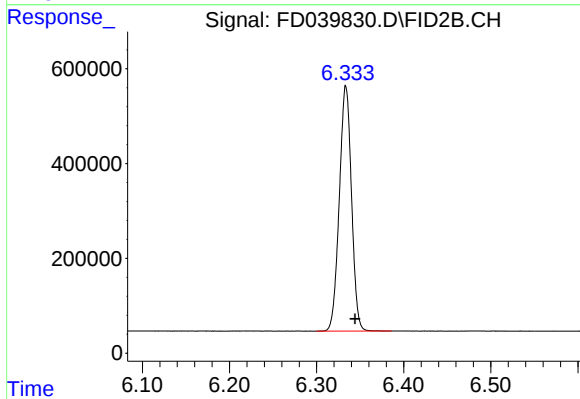
#2 n-Decane (C10)

R.T.: 4.329 min
Delta R.T.: -0.007 min
Response: 4613158
Conc: 38.26 ug/ml



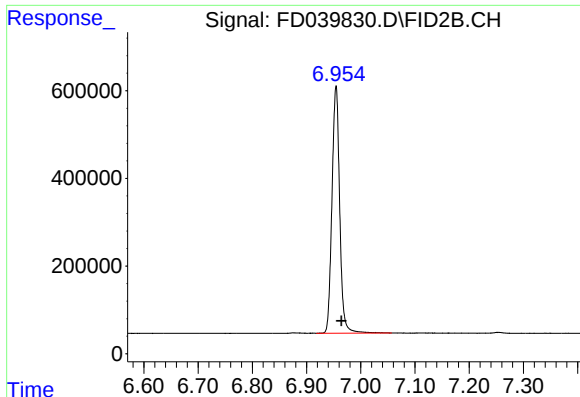
#3 A~Naphthalene (C11.7)

R.T.: 5.904 min
Delta R.T.: -0.010 min
Response: 5487903
Conc: 42.48 ug/ml



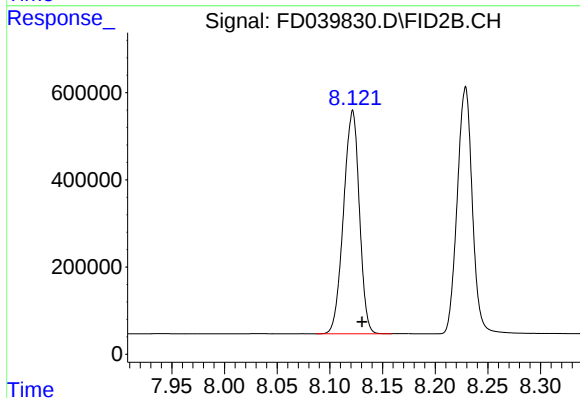
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: -0.010 min
Response: 5029793
Conc: 41.76 ug/ml



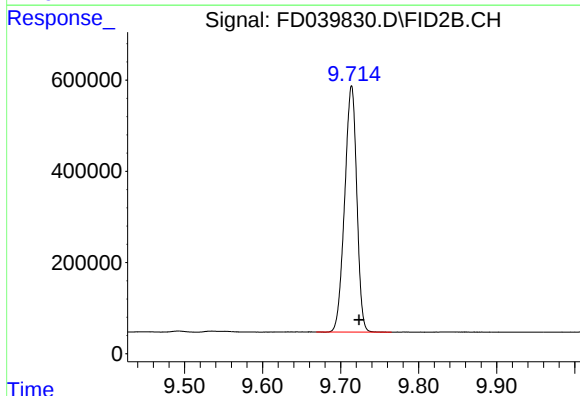
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.010 min
Response: 5574728
Conc: 43.23 ug/ml



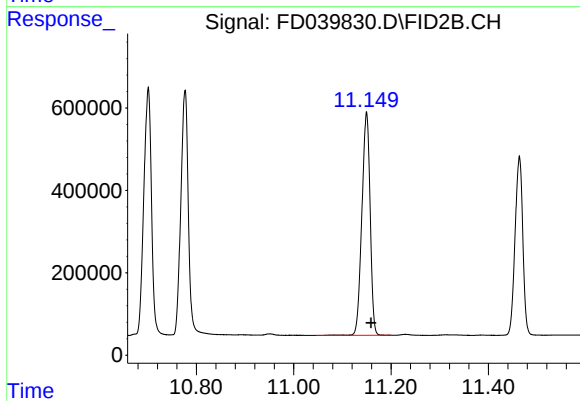
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.009 min
Response: 5357491
Conc: 44.20 ug/ml



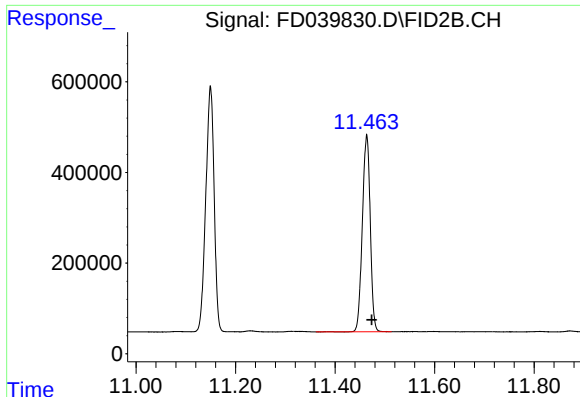
#7 n-Hexadecane (C16)

R.T.: 9.714 min
Delta R.T.: -0.009 min
Response: 5826998
Conc: 47.62 ug/ml



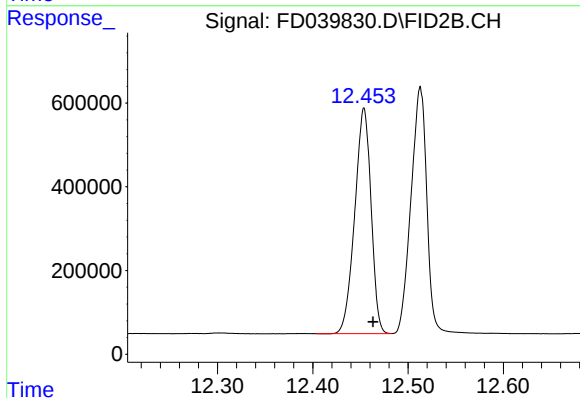
#8 n-Octadecane (C18)

R.T.: 11.150 min
Delta R.T.: -0.009 min
Response: 6341951
Conc: 49.67 ug/ml



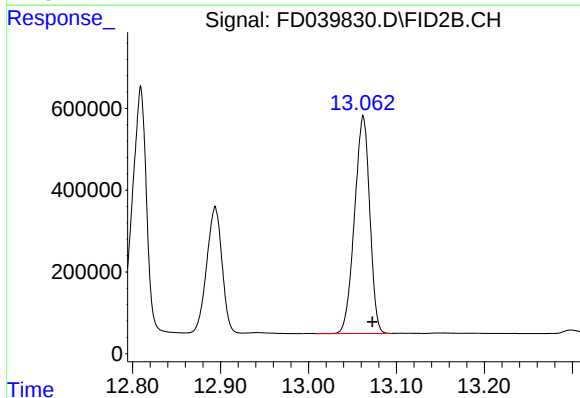
#9 ortho-Terphenyl (SURR)

R.T.: 11.464 min
Delta R.T.: -0.010 min
Response: 4788291
Conc: 34.69 ug/ml



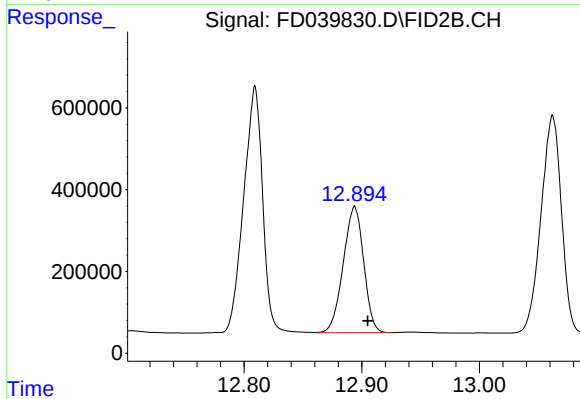
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.009 min
Response: 6408123
Conc: 49.92 ug/ml



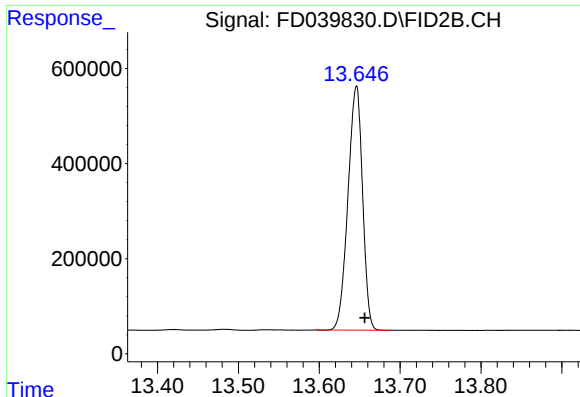
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.010 min
Response: 6403861
Conc: 48.88 ug/ml



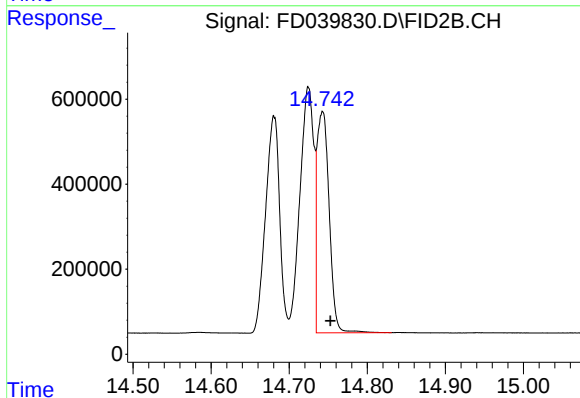
#12 1-chlorooctadecane (SURR)

R.T.: 12.894 min
Delta R.T.: -0.011 min
Response: 3731423
Conc: 34.71 ug/ml



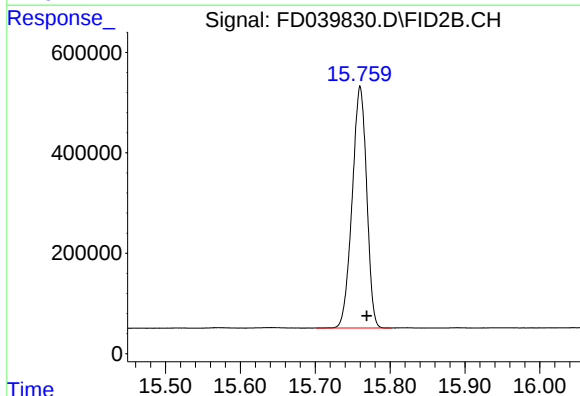
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.010 min
Response: 6434943
Conc: 49.20 ug/ml



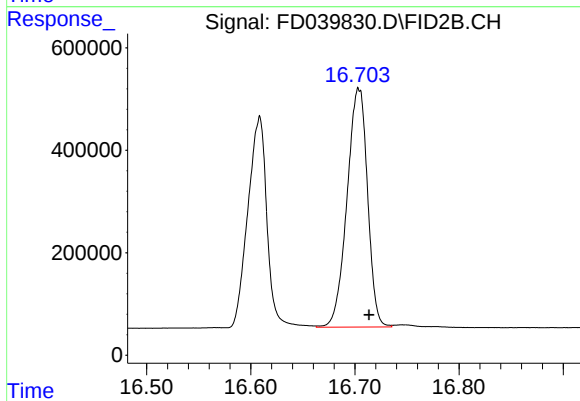
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.010 min
Response: 5631559
Conc: 42.11 ug/ml



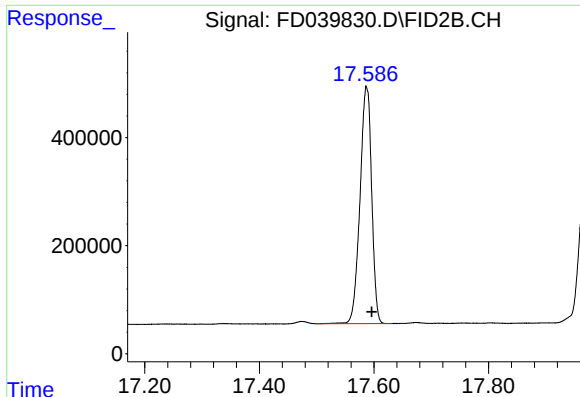
#15 n-Hexacosane (C26)

R.T.: 15.760 min
Delta R.T.: -0.009 min
Response: 6473730
Conc: 49.25 ug/ml



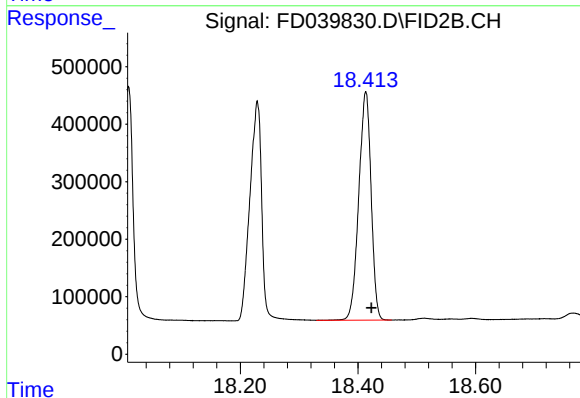
#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: -0.010 min
Response: 6390138
Conc: 49.29 ug/ml



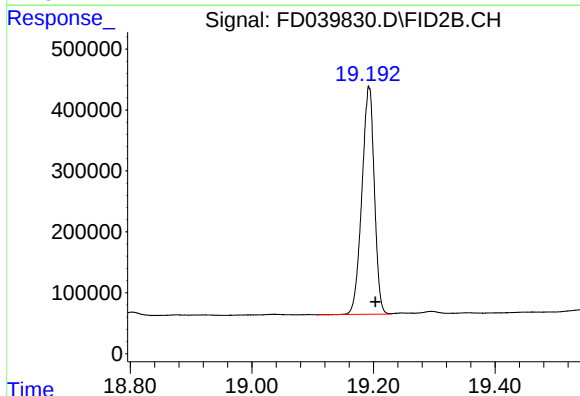
#17 n-Tricontane (C30)

R.T.: 17.587 min
Delta R.T.: -0.009 min
Response: 6197250
Conc: 49.99 ug/ml



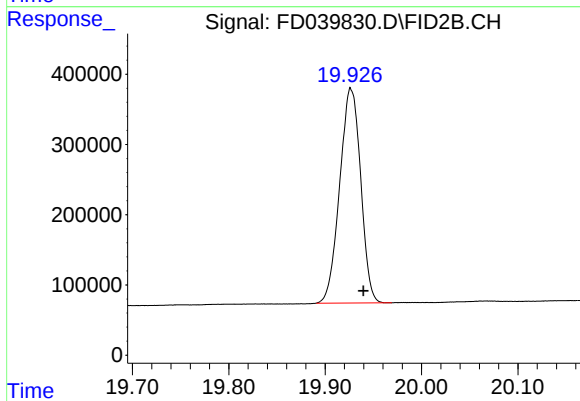
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: -0.009 min
Response: 5780837
Conc: 50.37 ug/ml



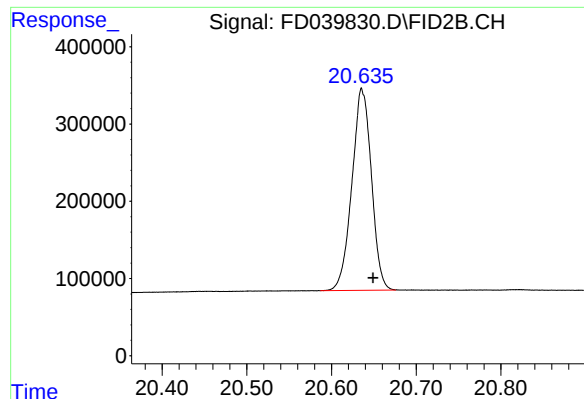
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: -0.010 min
Response: 5314900
Conc: 49.86 ug/ml



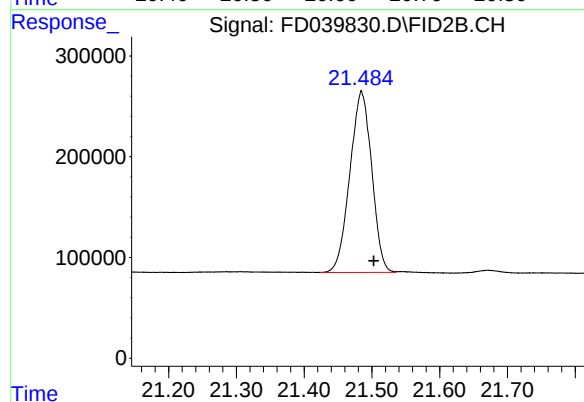
#20 n-Hexatriacontane (C36)

R.T.: 19.927 min
Delta R.T.: -0.013 min
Response: 4614715
Conc: 47.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: -0.014 min
Response: 4170612
Conc: 45.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.484 min
Delta R.T.: -0.019 min
Response: 4021588
Conc: 50.49 ug/ml m