

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039282.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 1:53
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 27 03:37:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 03:36:57 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)	11.675	6346715	50.480 ug/ml
Spiked Amount 50.000		Recovery =	100.96%
12) S 1-chlorooctadecane (S...	13.101	5163916	50.441 ug/ml
Spiked Amount 50.000		Recovery =	100.88%
Target Compounds			
1) T n-Nonane (C9)	3.434	5822776	50.770 ug/ml
2) T n-Decane (C10)	4.503	5848298	50.764 ug/ml
3) T A~Naphthalene (C11.7)	6.095	6491389	51.169 ug/ml
4) T n-Dodecane (C12)	6.519	5921804	50.778 ug/ml
5) T A~2-methylnaphthalene...	7.151	6632031	51.155 ug/ml
6) T n-Tetradecane (C14)	8.311	5891723	50.757 ug/ml
7) T n-Hexadecane (C16)	9.910	5985408	50.665 ug/ml
8) T n-Octadecane (C18)	11.350	6084834	50.509 ug/ml
10) T n-Eicosane (C20)	12.656	6147514	50.670 ug/ml
11) T n-Heneicosane (C21)	13.267	6217781	50.409 ug/ml
13) T n-Docosane (C22)	13.851	6162401	50.320 ug/ml
14) T n-Tetracosane (C24)	14.951	6138116	50.125 ug/ml
15) T n-Hexacosane (C26)	15.969	6082089	50.046 ug/ml
16) T n-Octacosane (C28)	16.915	5801128	50.296 ug/ml
17) T n-Tricontane (C30)	17.800	5817460	49.778 ug/ml
18) T n-Dotriacontane (C32)	18.629	5610936	49.376 ug/ml
19) T n-Tetratriacontane (C34)	19.409	5243112	49.839 ug/ml
20) T n-Hexatriacontane (C36)	20.146	5036811	49.688 ug/ml
21) T n-Octatriacontane (C38)	20.887	4769635	50.236 ug/ml
22) T n-Tetracontane (C40)	21.816	4588696	49.809 ug/ml

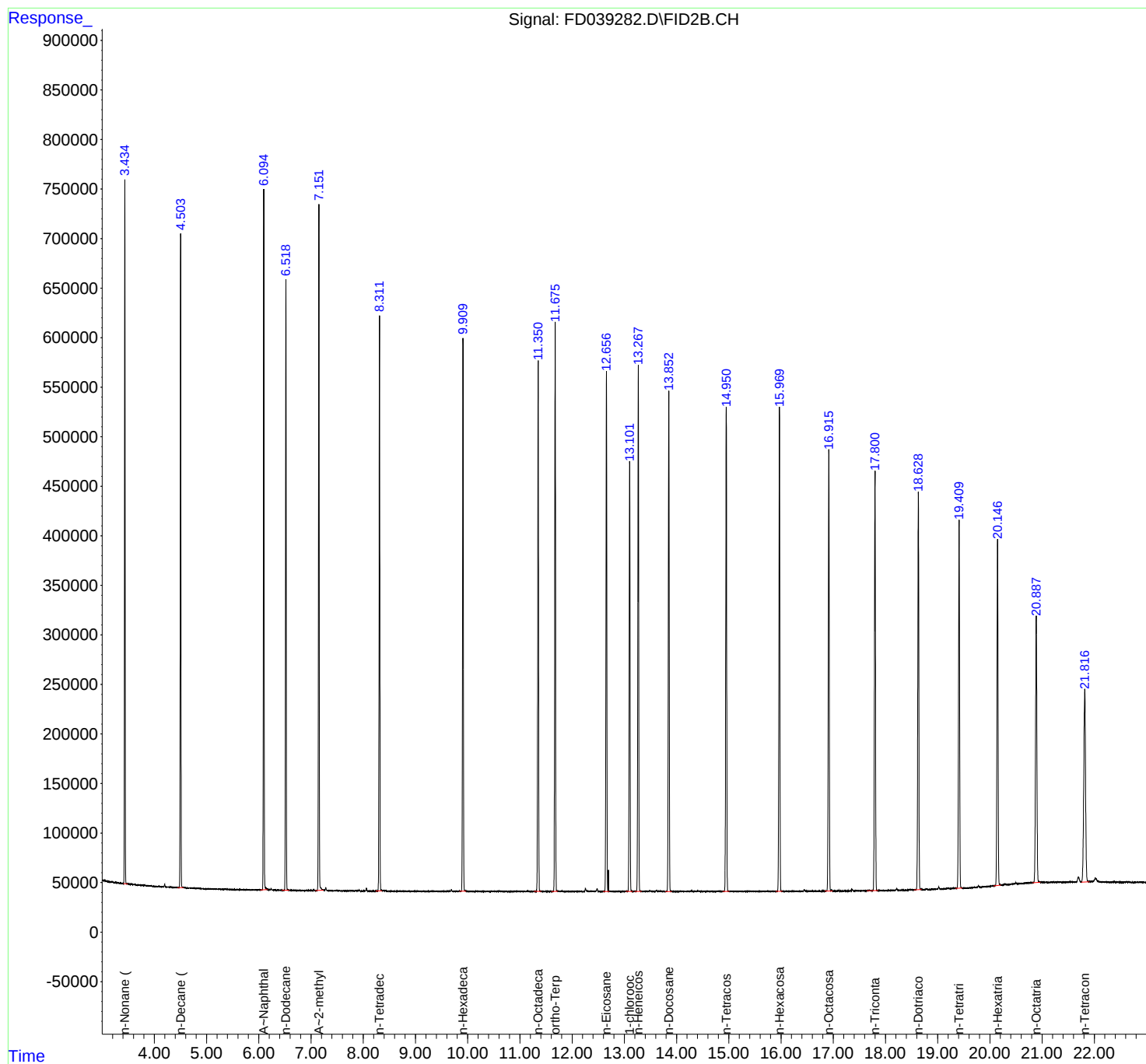
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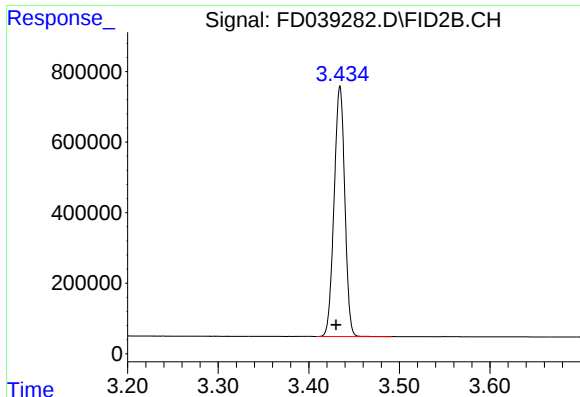
(m)=manual int.

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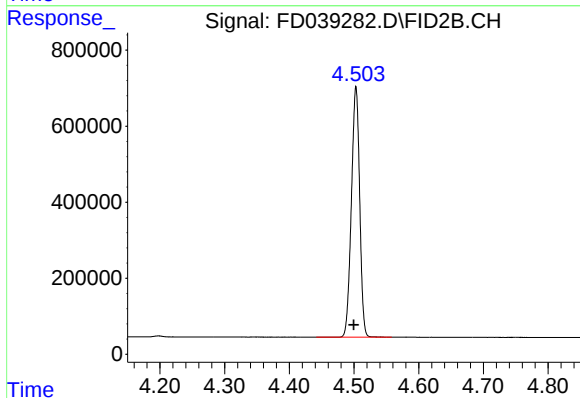
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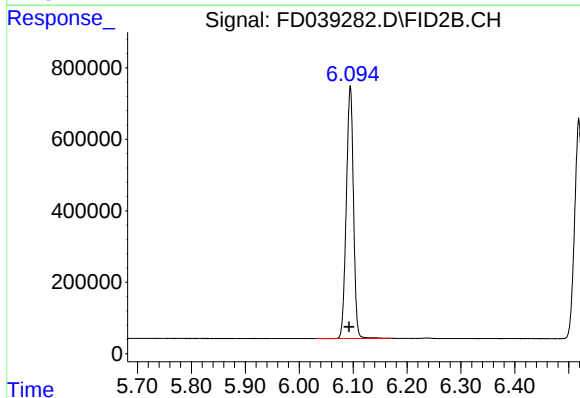
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: 0.004 min
Response: 5822776
Conc: 50.77 ug/ml



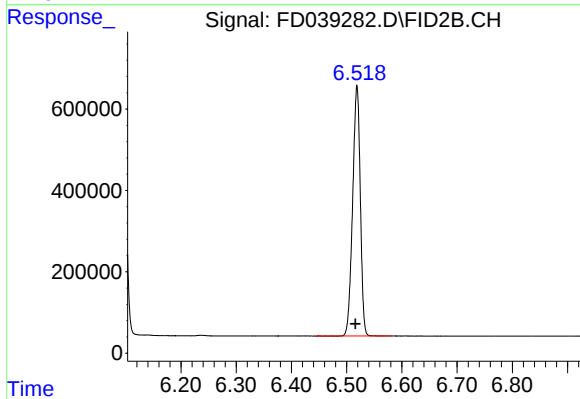
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.003 min
Response: 5848298
Conc: 50.76 ug/ml



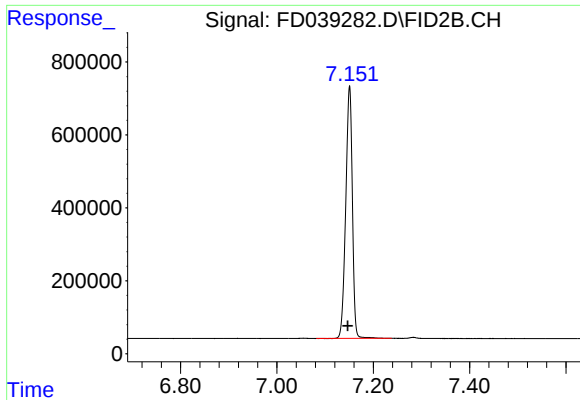
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 6491389
Conc: 51.17 ug/ml



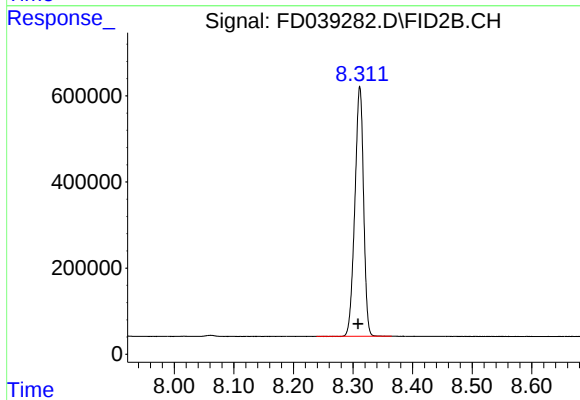
#4 n-Dodecane (C12)

R.T.: 6.519 min
Delta R.T.: 0.003 min
Response: 5921804
Conc: 50.78 ug/ml



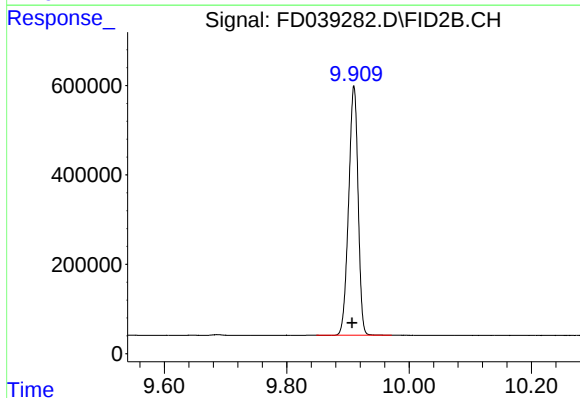
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.003 min
Response: 6632031
Conc: 51.15 ug/ml



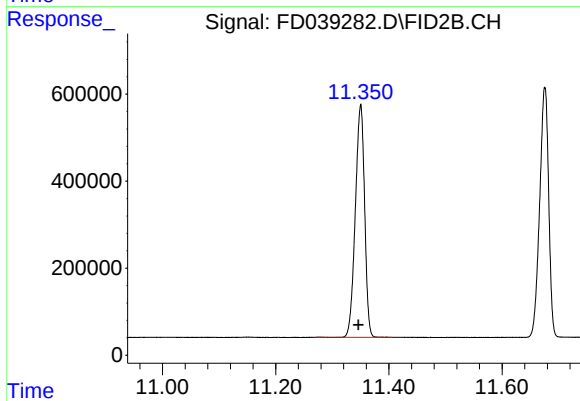
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.003 min
Response: 5891723
Conc: 50.76 ug/ml



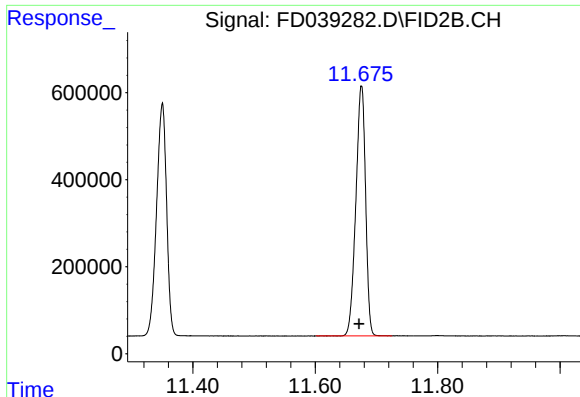
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.003 min
Response: 5985408
Conc: 50.67 ug/ml



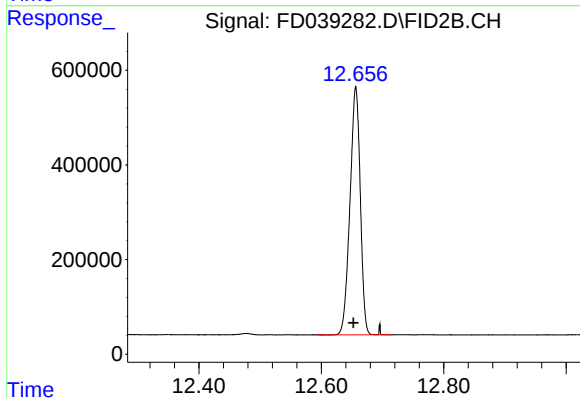
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: 0.004 min
Response: 6084834
Conc: 50.51 ug/ml



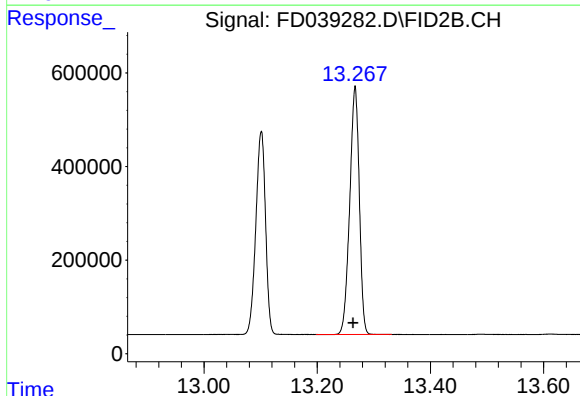
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: 0.004 min
Response: 6346715
Conc: 50.48 ug/ml



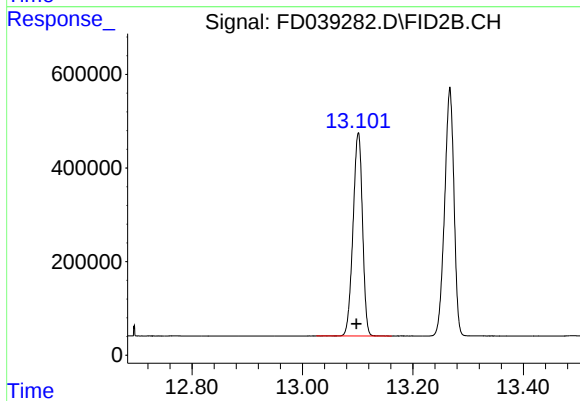
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.003 min
Response: 6147514
Conc: 50.67 ug/ml



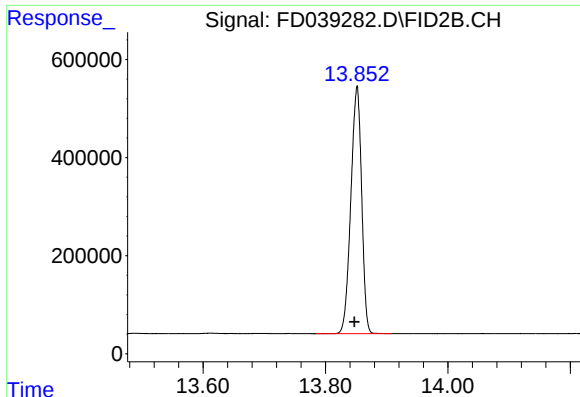
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: 0.004 min
Response: 6217781
Conc: 50.41 ug/ml



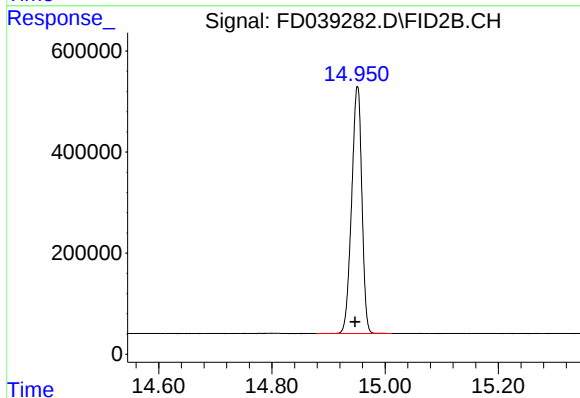
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: 0.003 min
Response: 5163916
Conc: 50.44 ug/ml



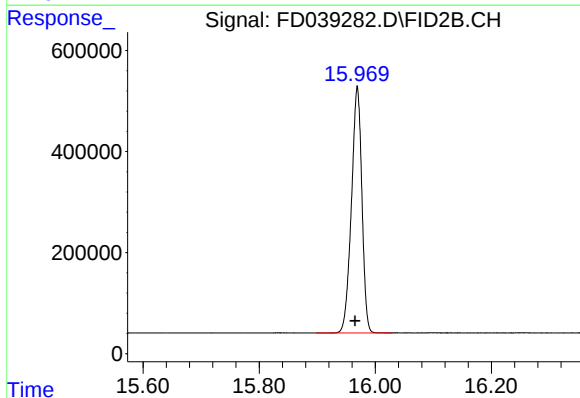
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: 0.004 min
Response: 6162401
Conc: 50.32 ug/ml



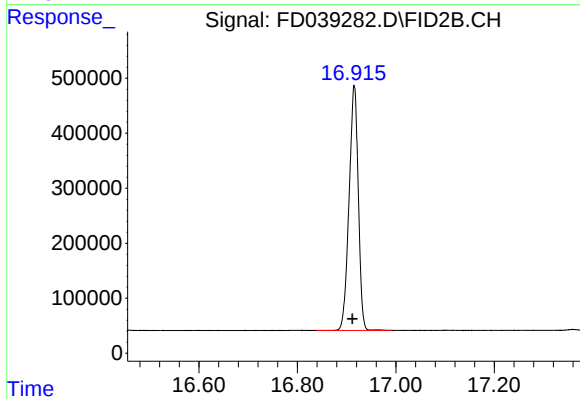
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.004 min
Response: 6138116
Conc: 50.12 ug/ml



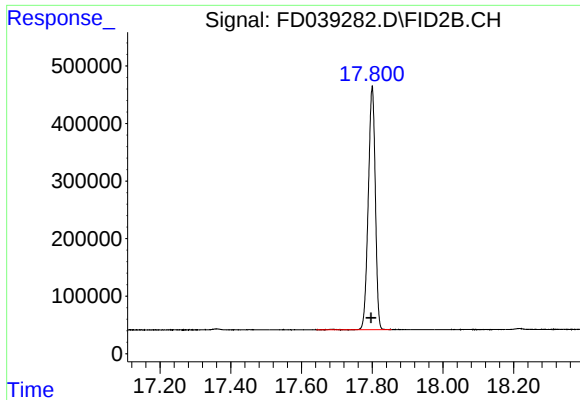
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.004 min
Response: 6082089
Conc: 50.05 ug/ml



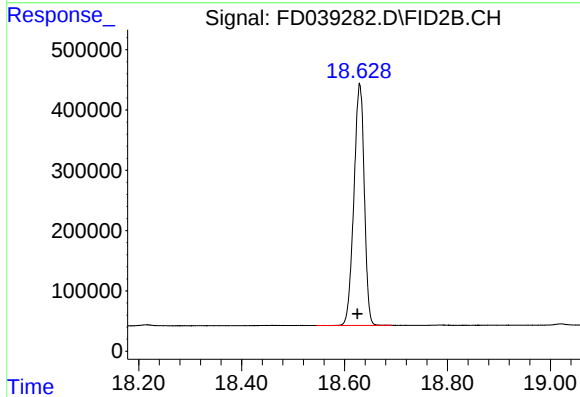
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.004 min
Response: 5801128
Conc: 50.30 ug/ml



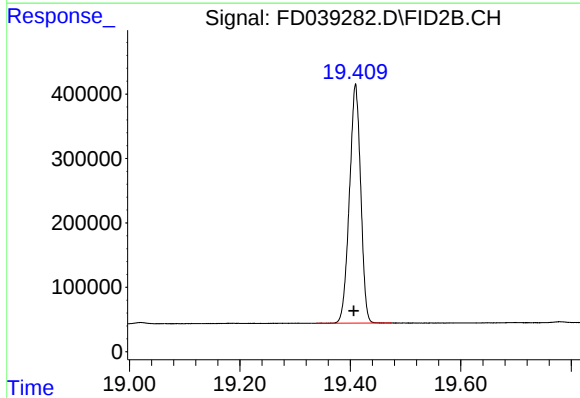
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.003 min
Response: 5817460
Conc: 49.78 ug/ml



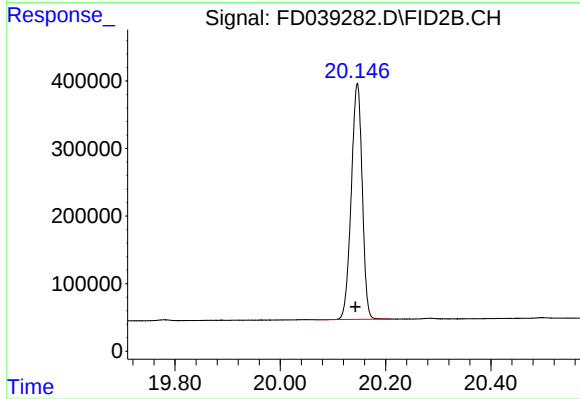
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.005 min
Response: 5610936
Conc: 49.38 ug/ml



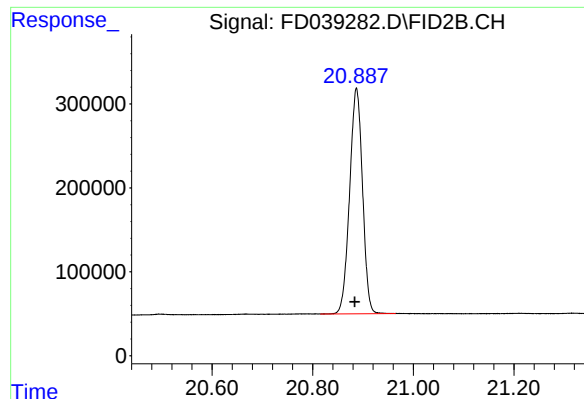
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.003 min
Response: 5243112
Conc: 49.84 ug/ml



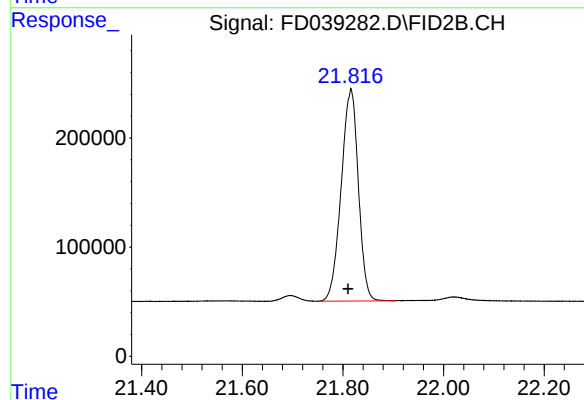
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: 0.003 min
Response: 5036811
Conc: 49.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.003 min
Response: 4769635
Conc: 50.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.005 min
Response: 4588696
Conc: 49.81 ug/ml